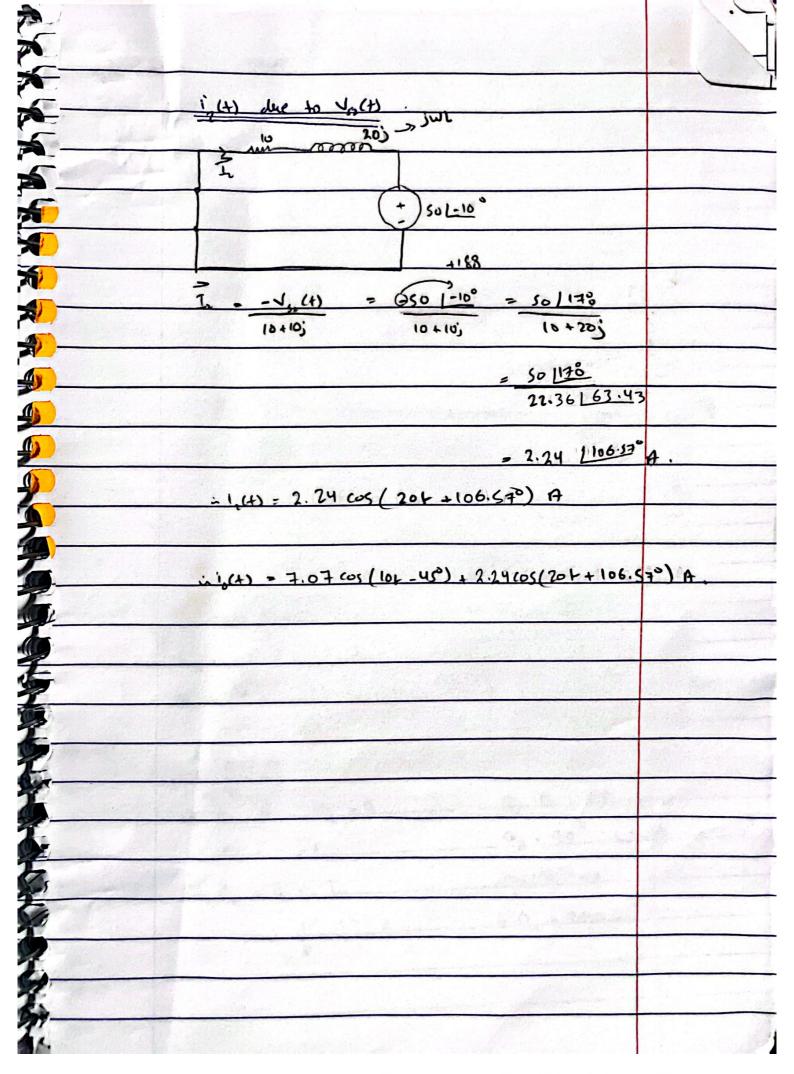
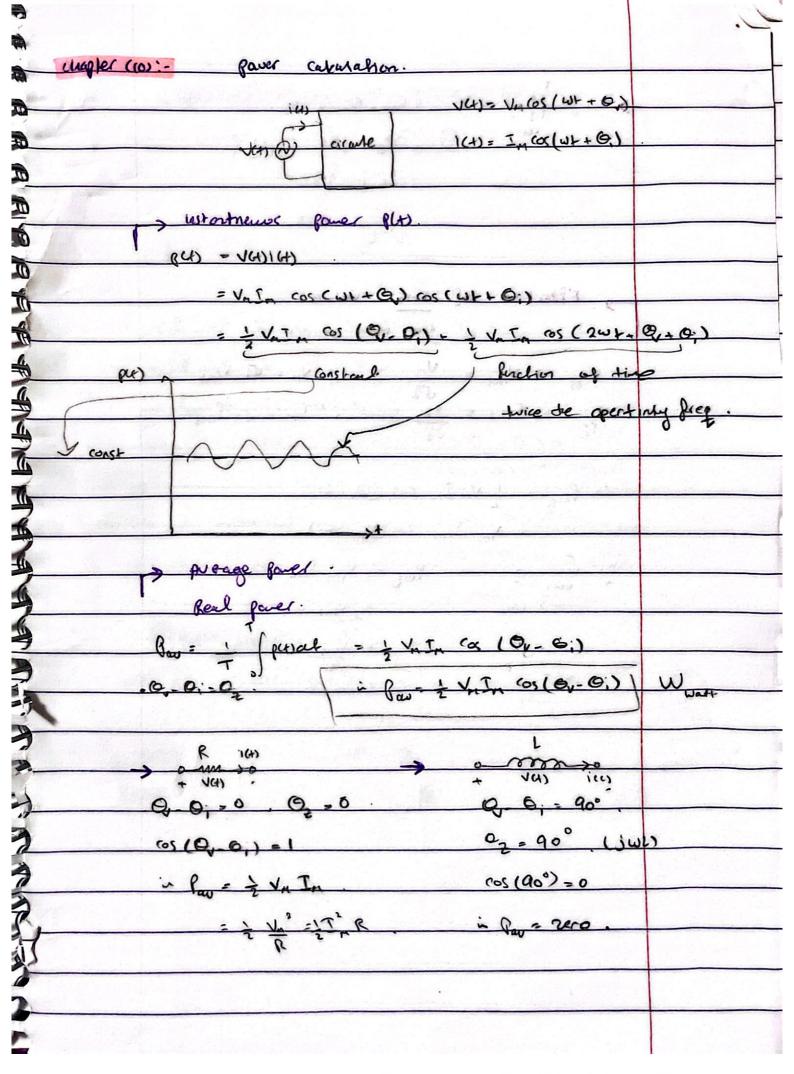
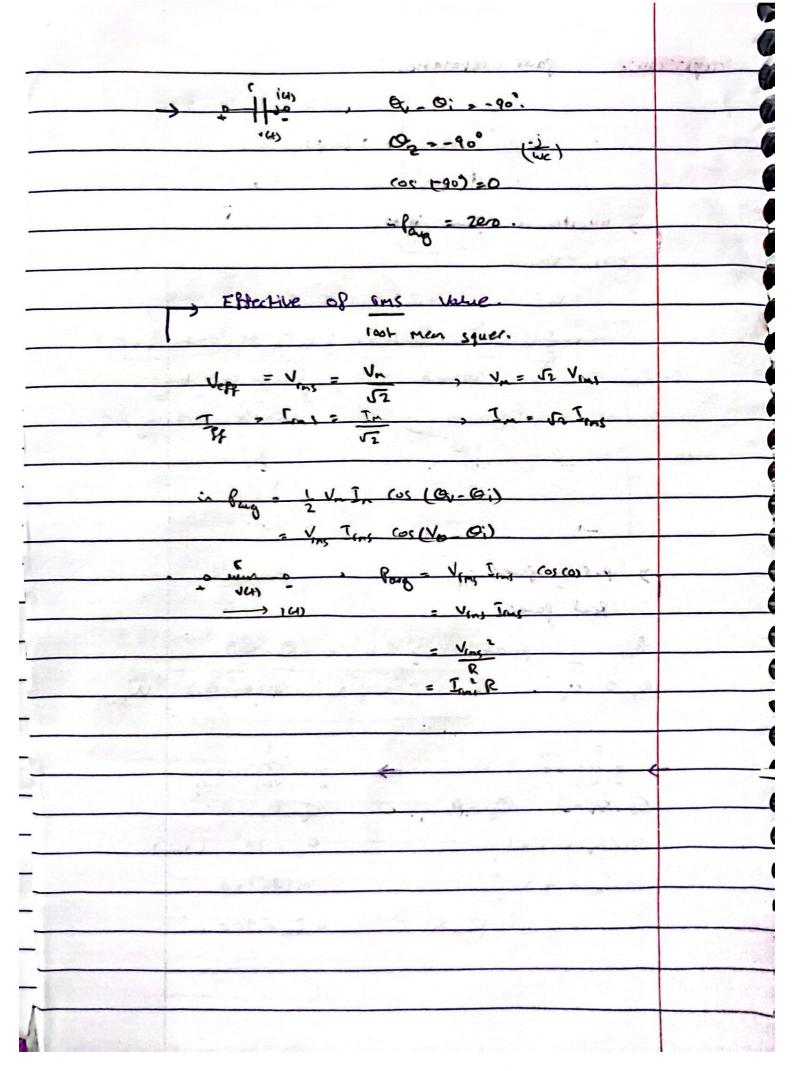
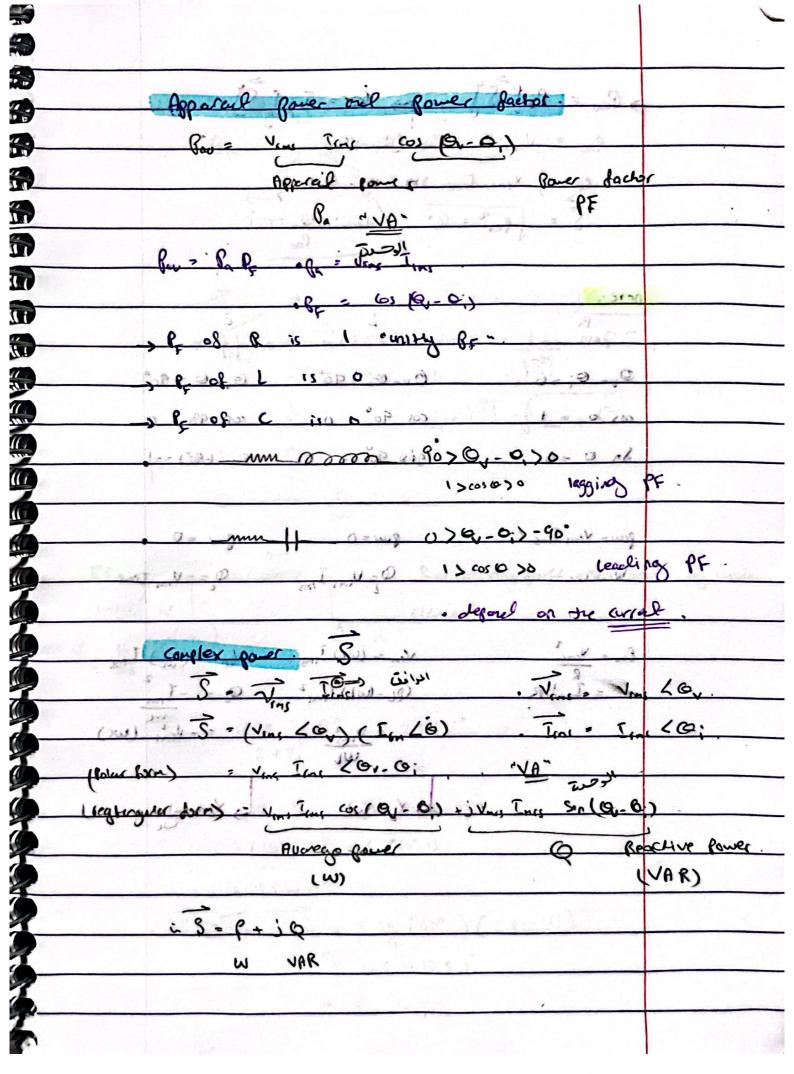


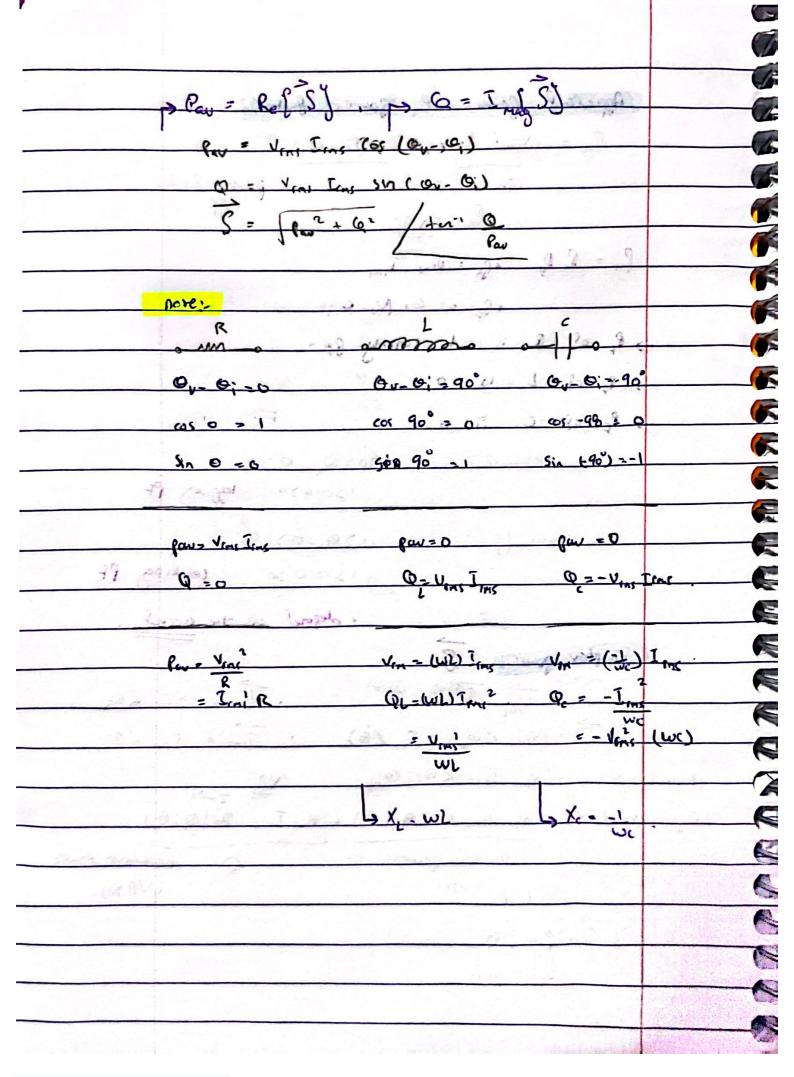
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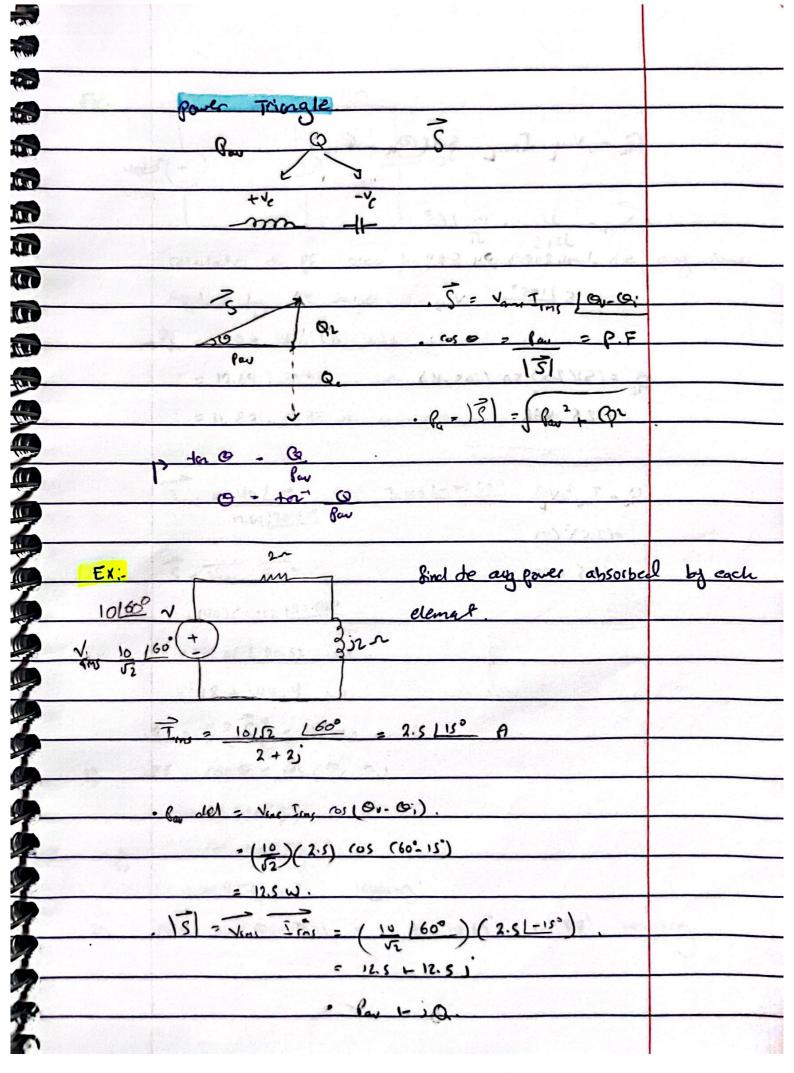




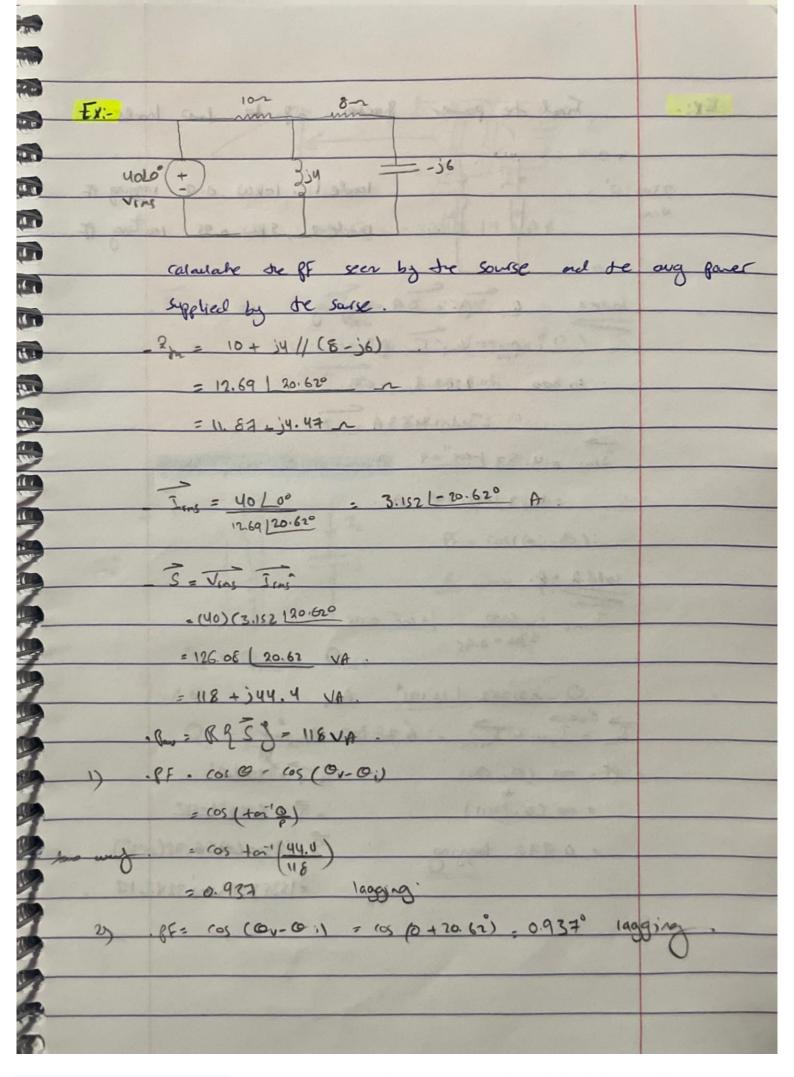




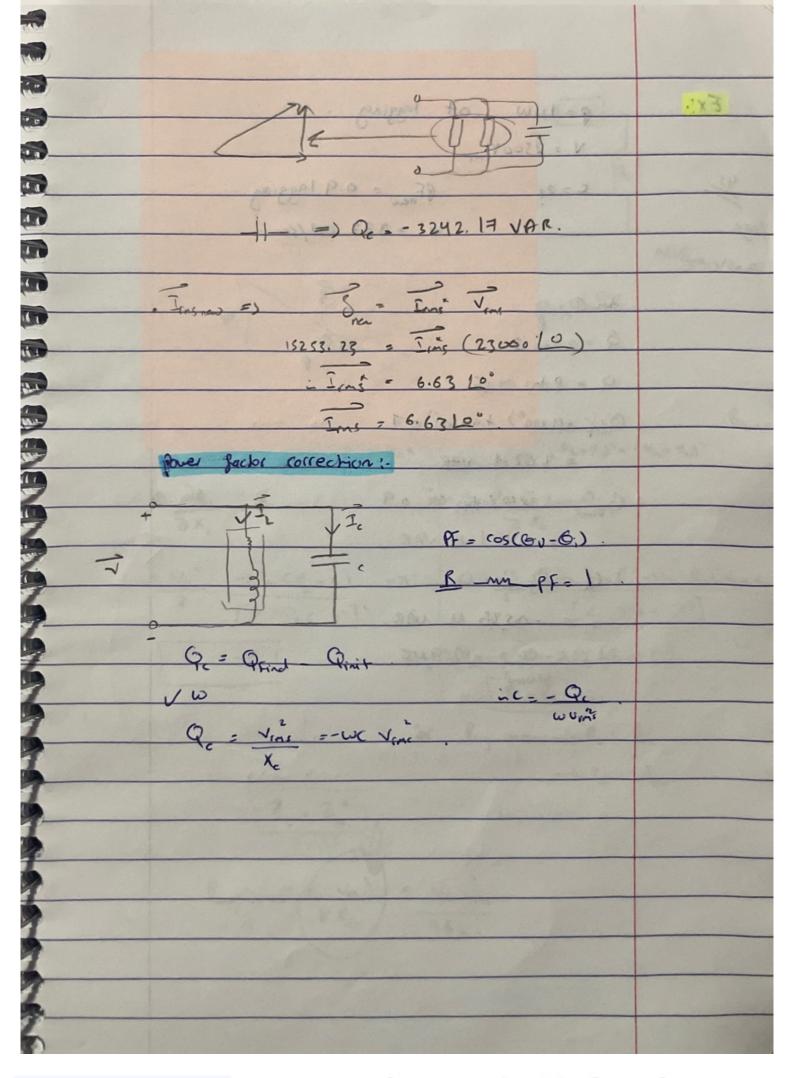


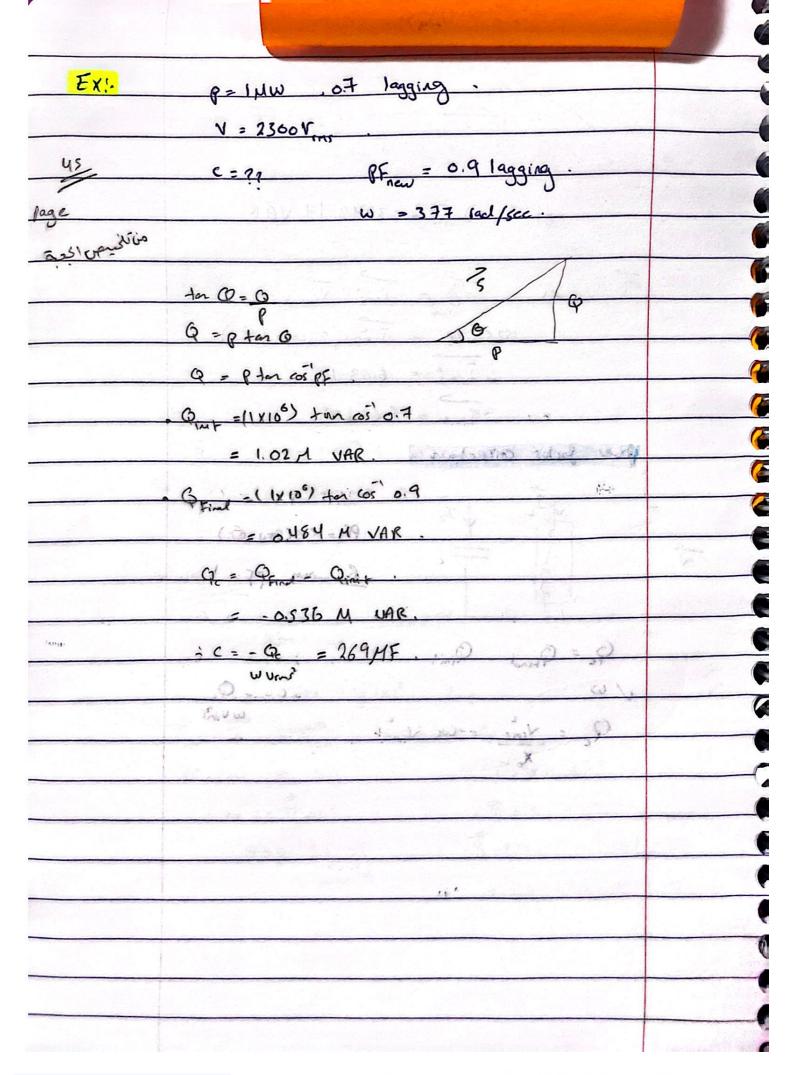


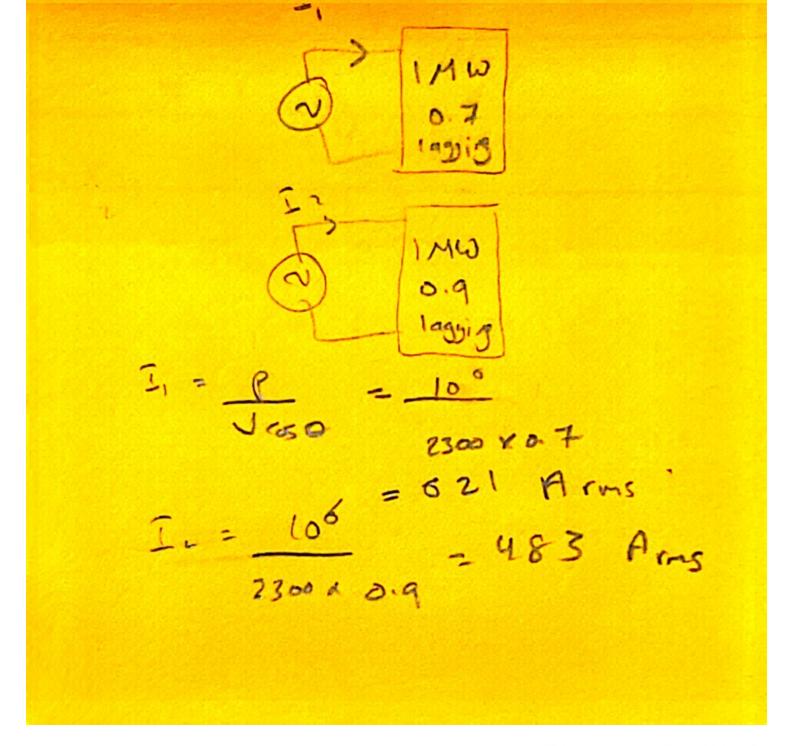
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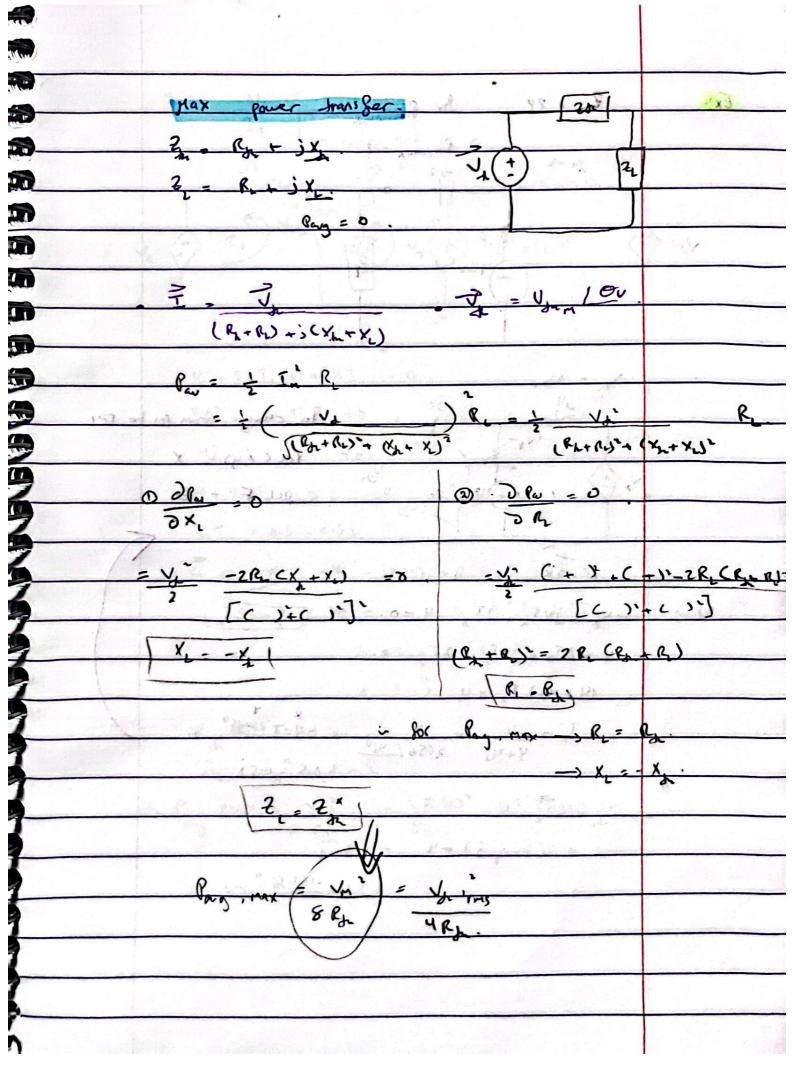


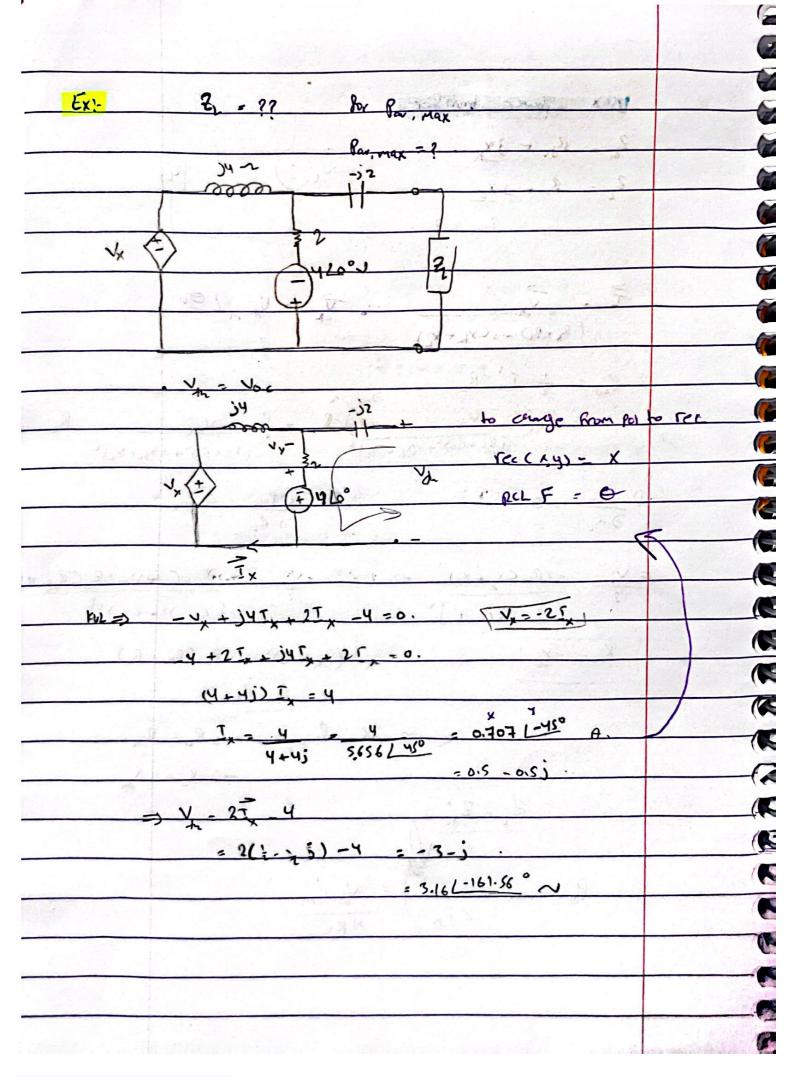
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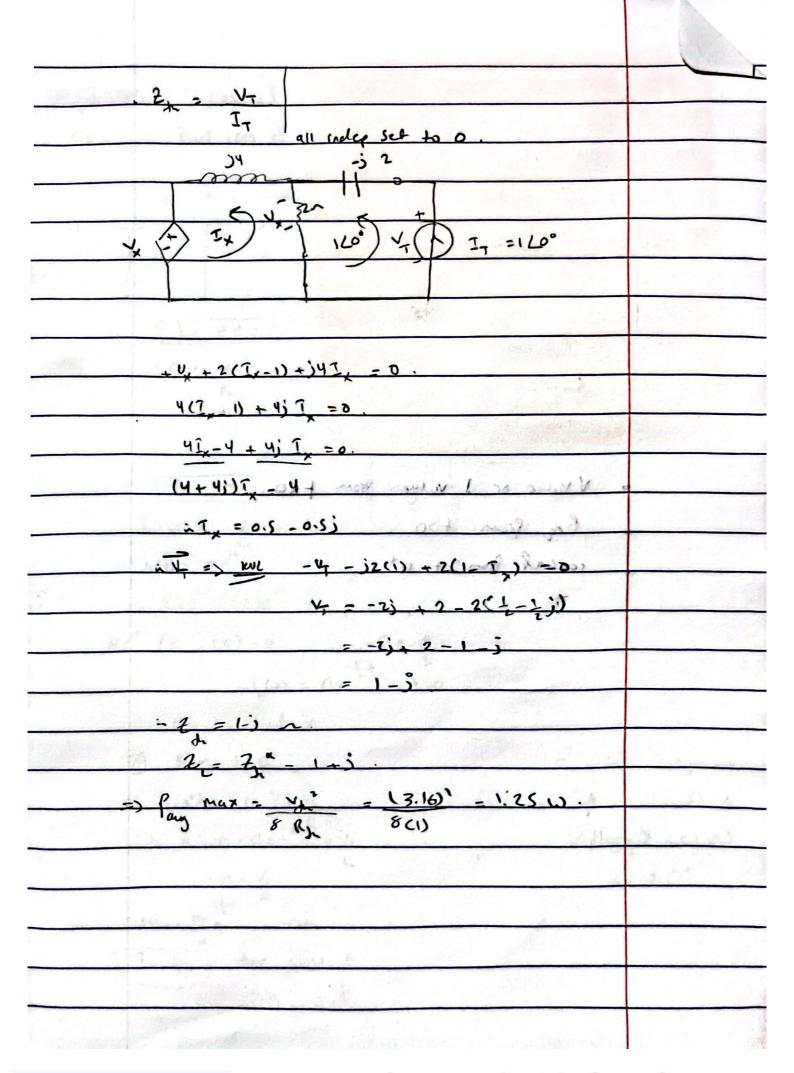




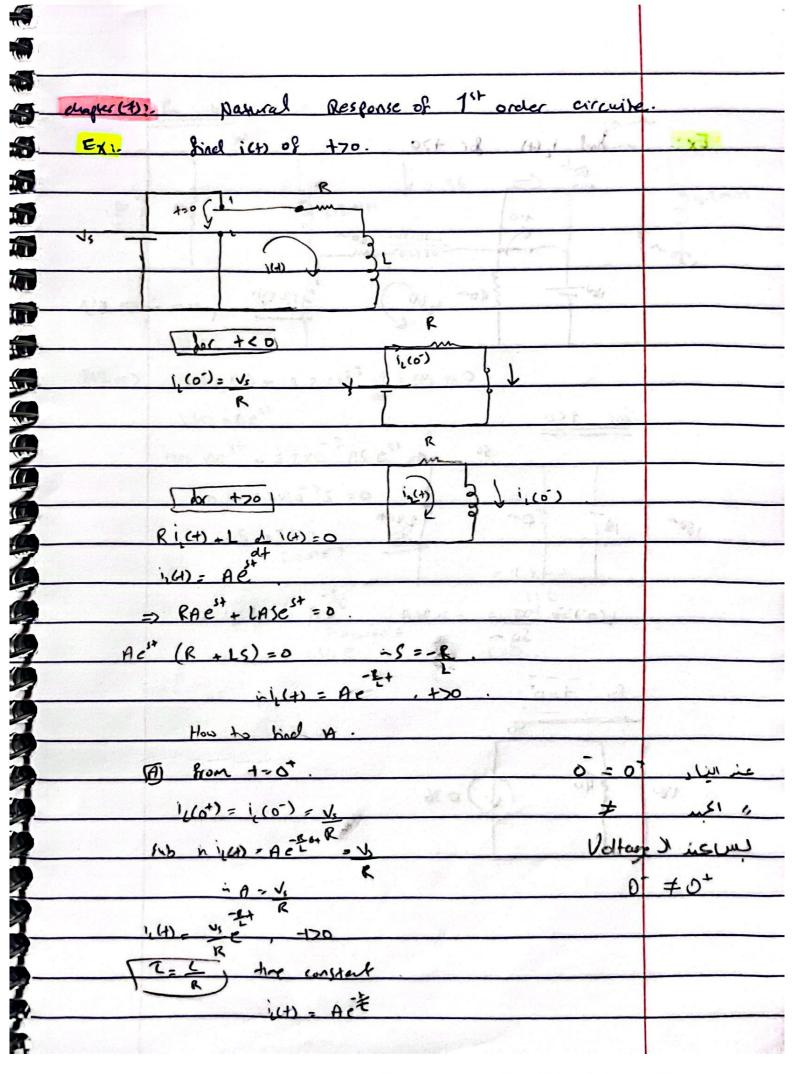


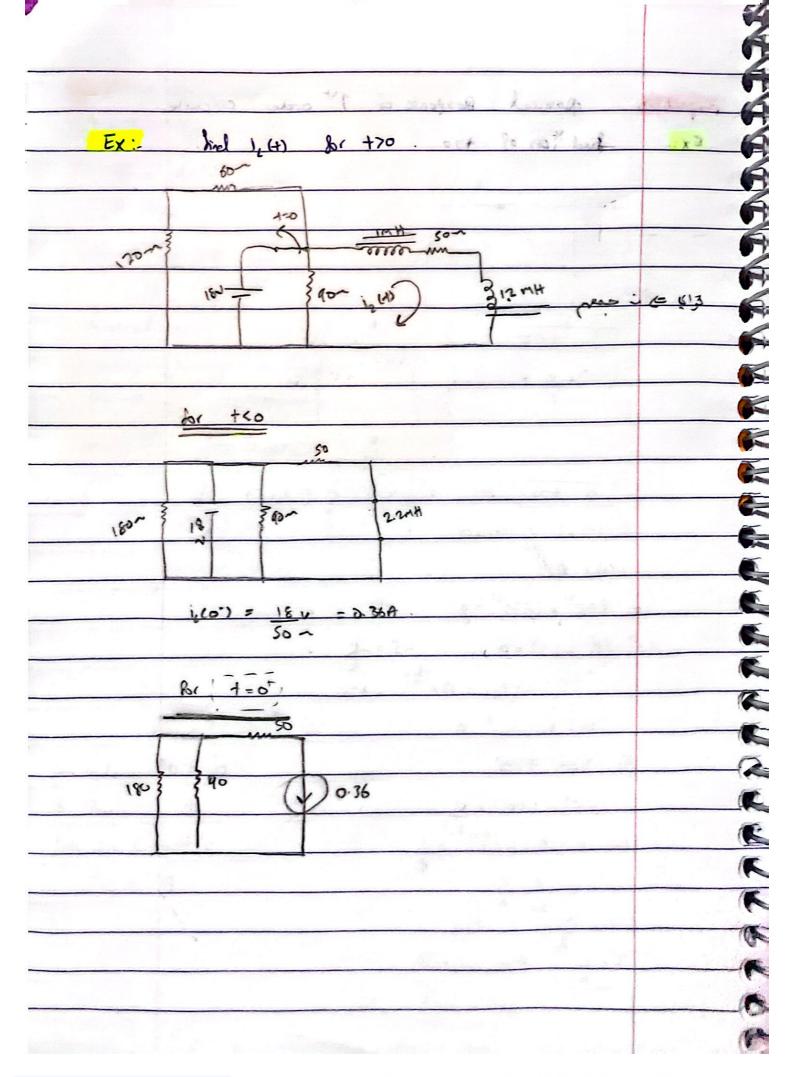


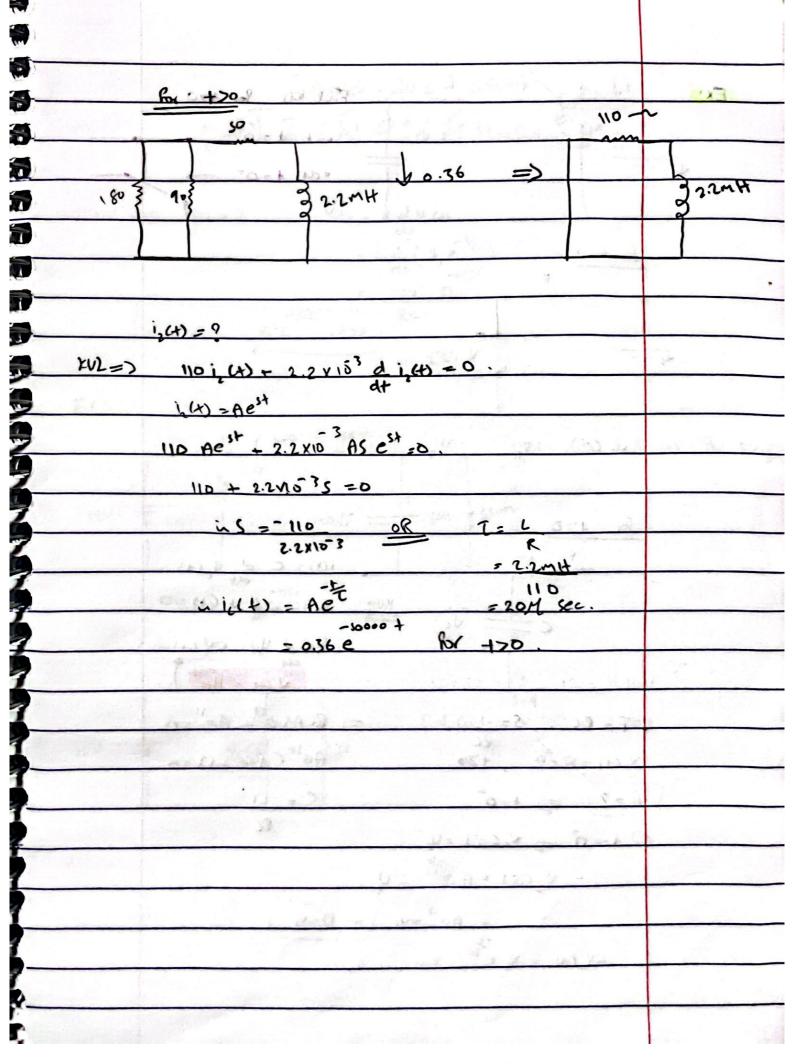


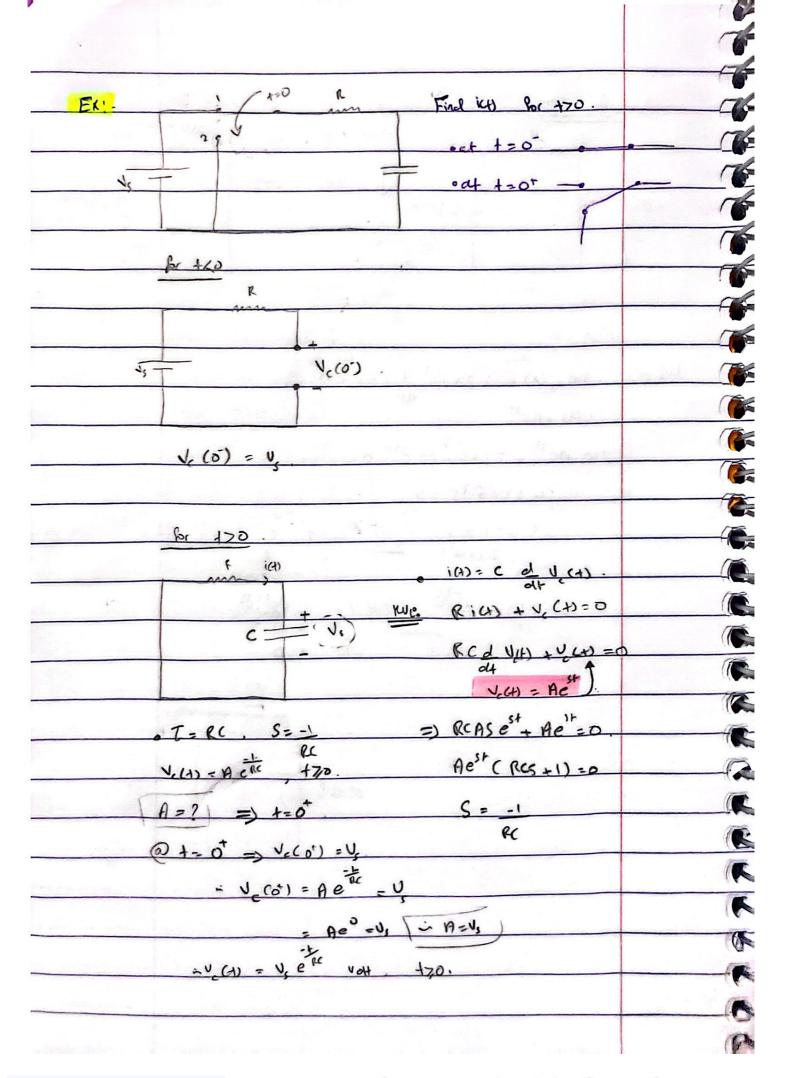


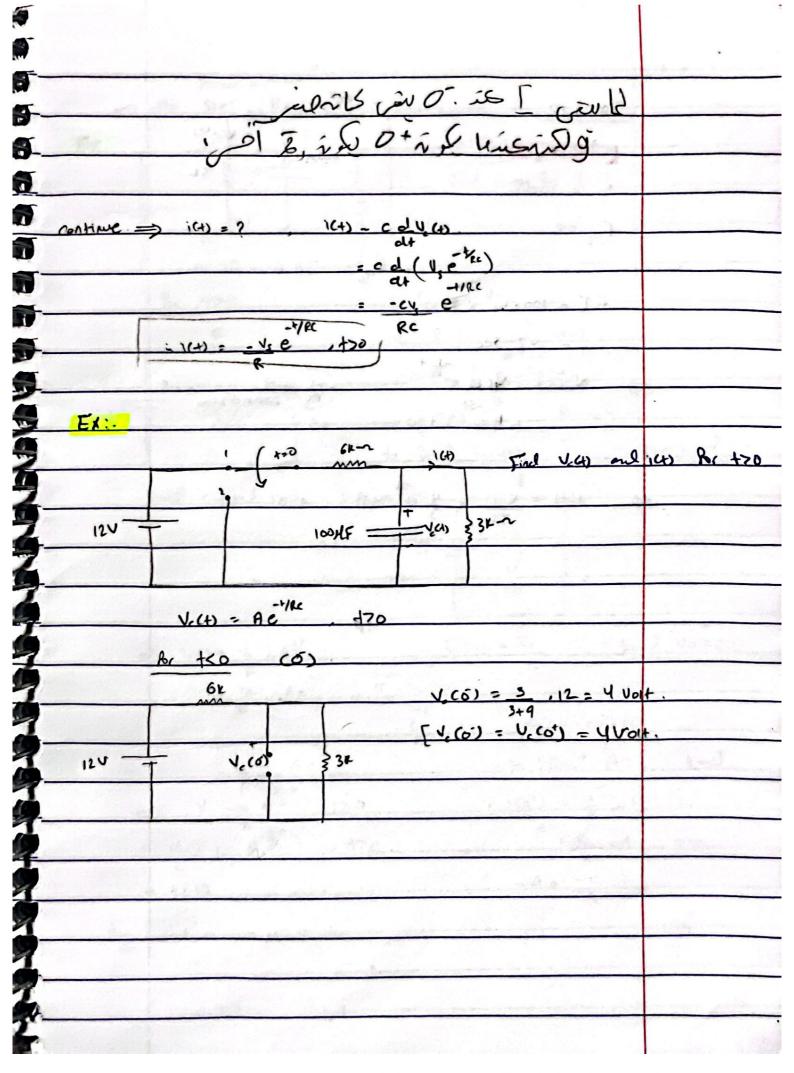
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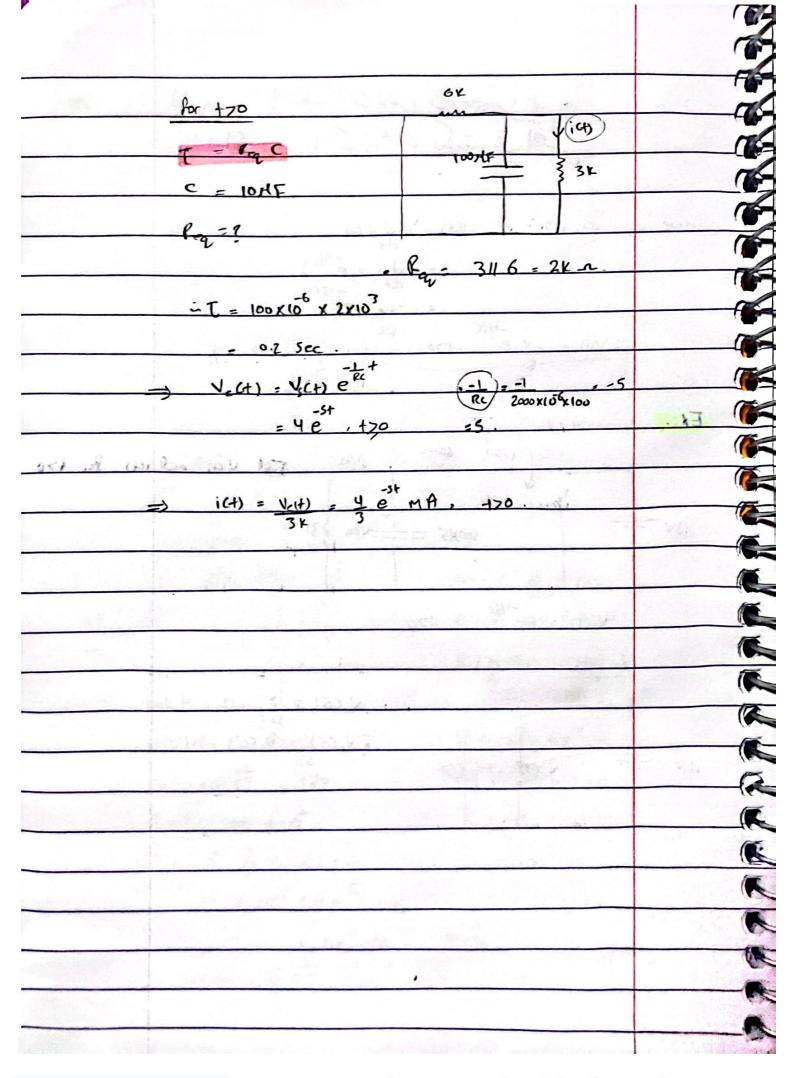


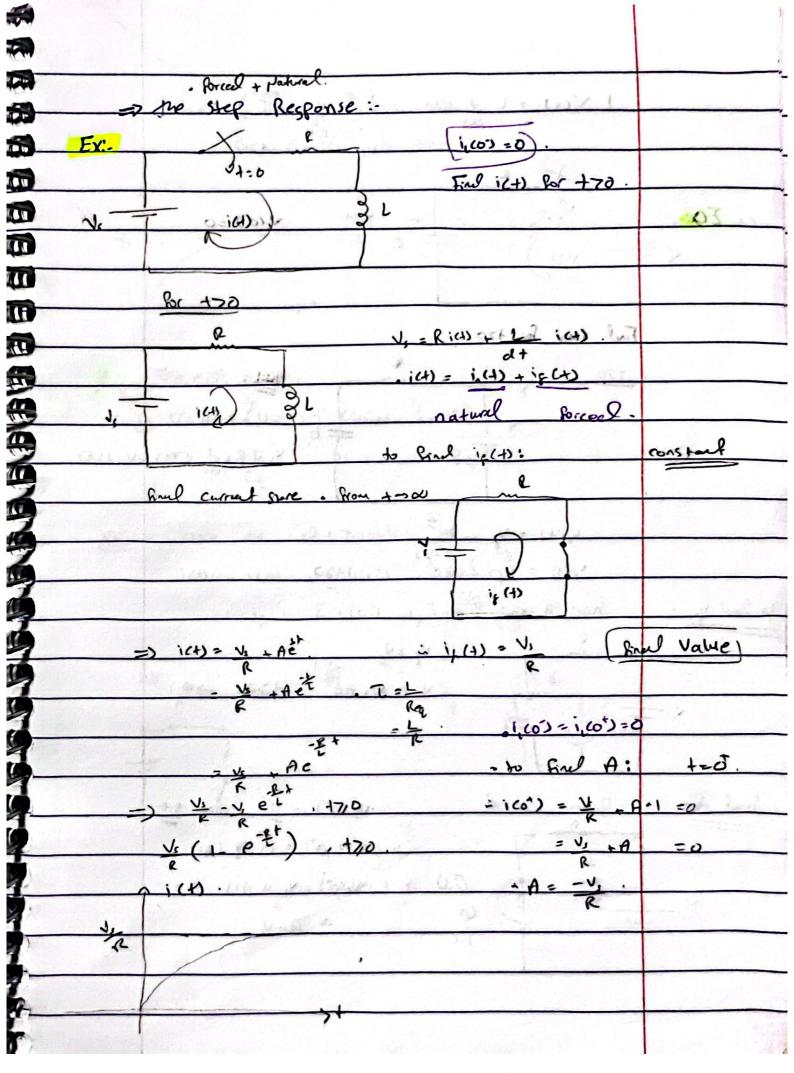


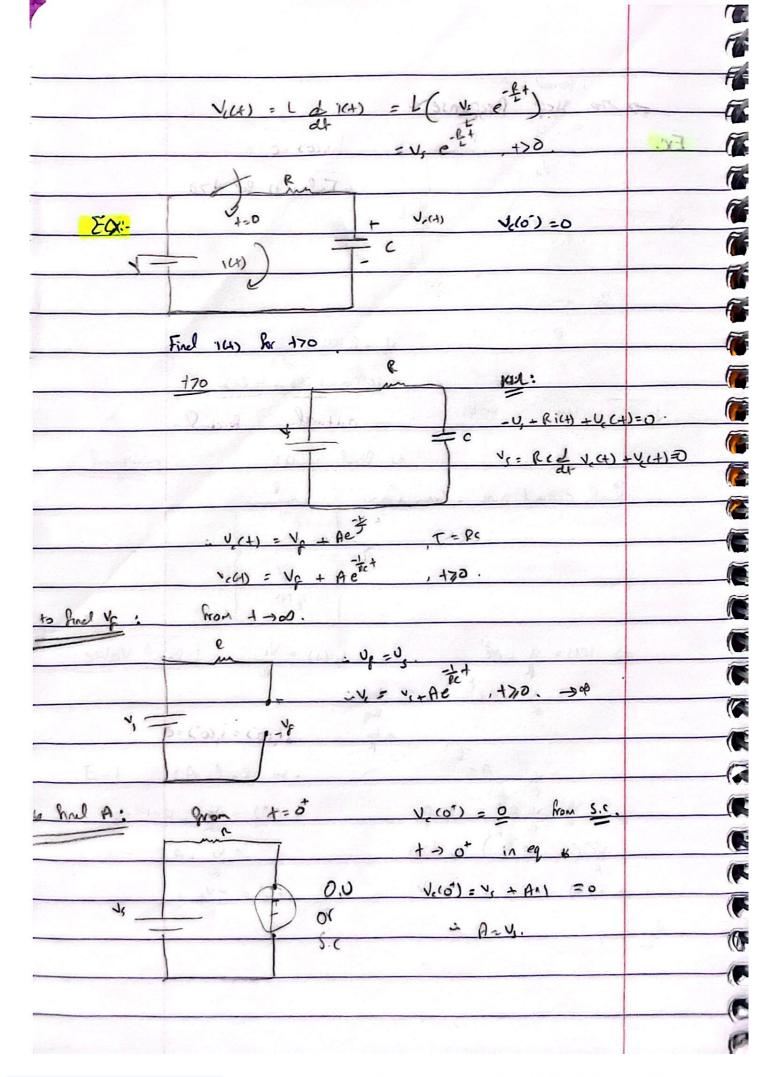


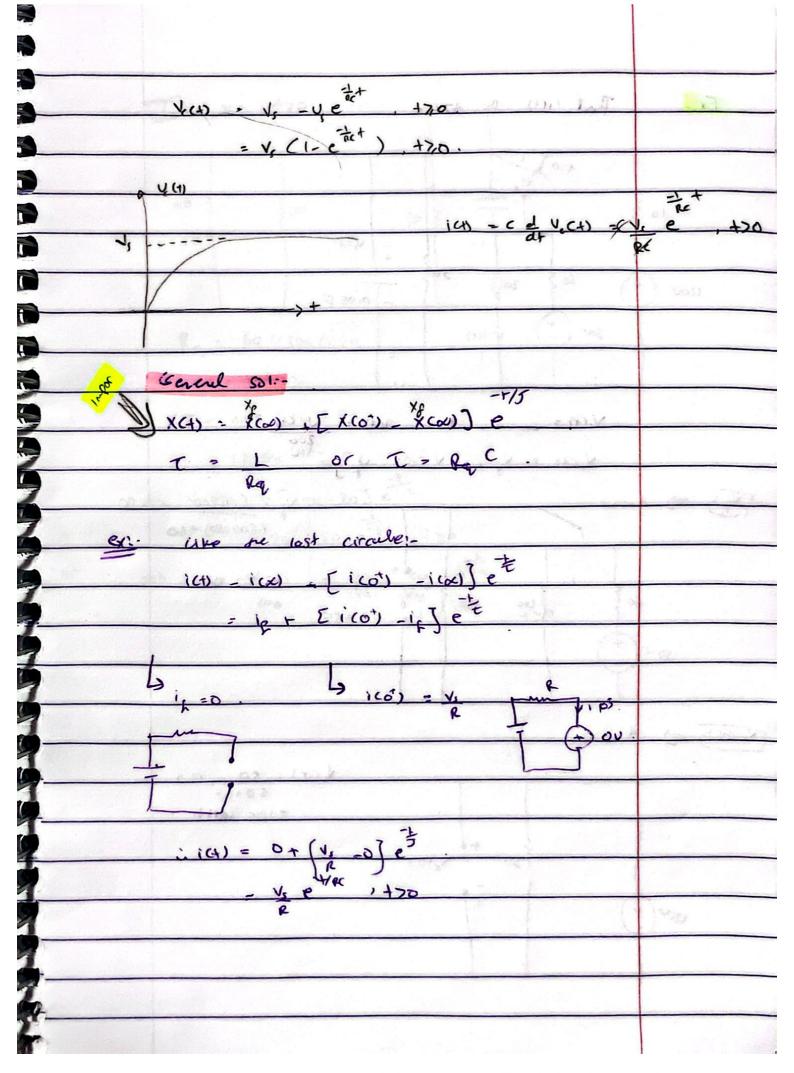


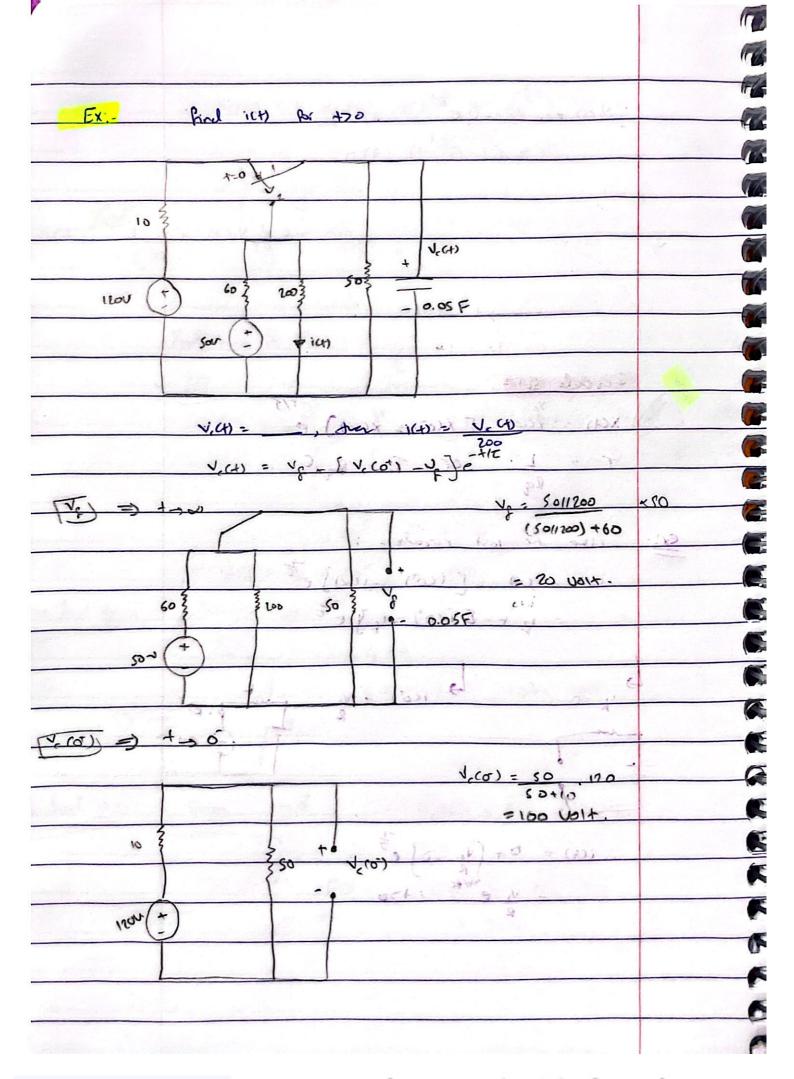


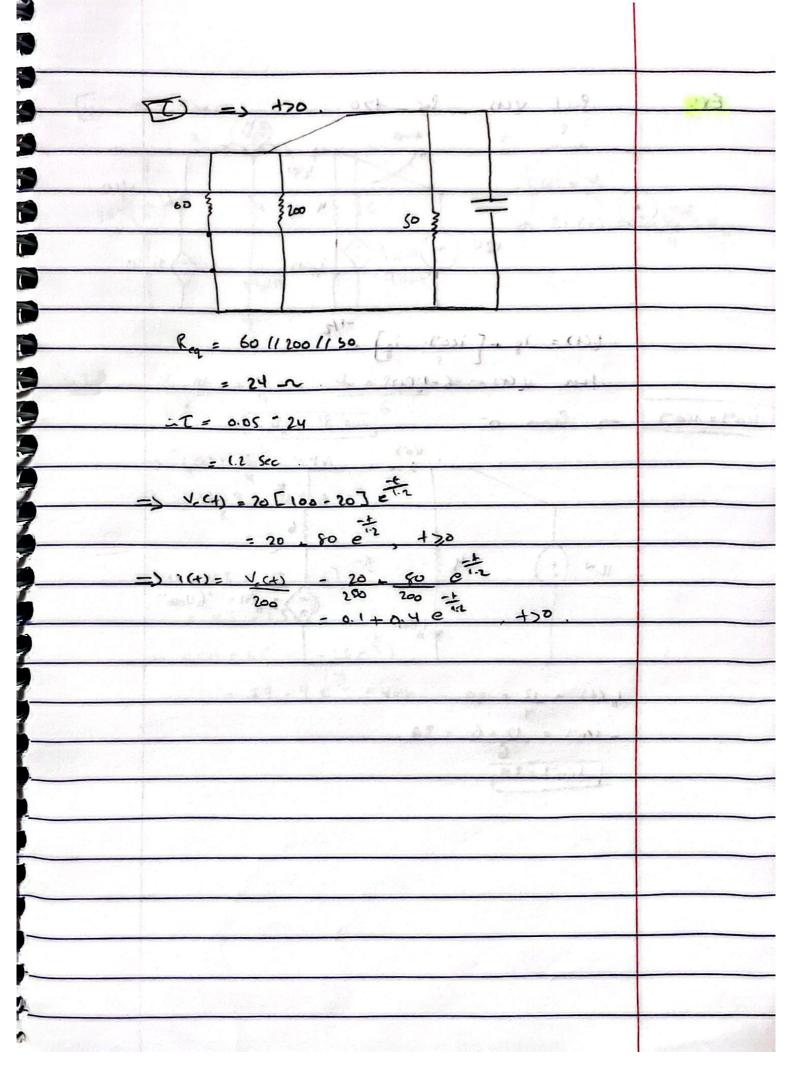


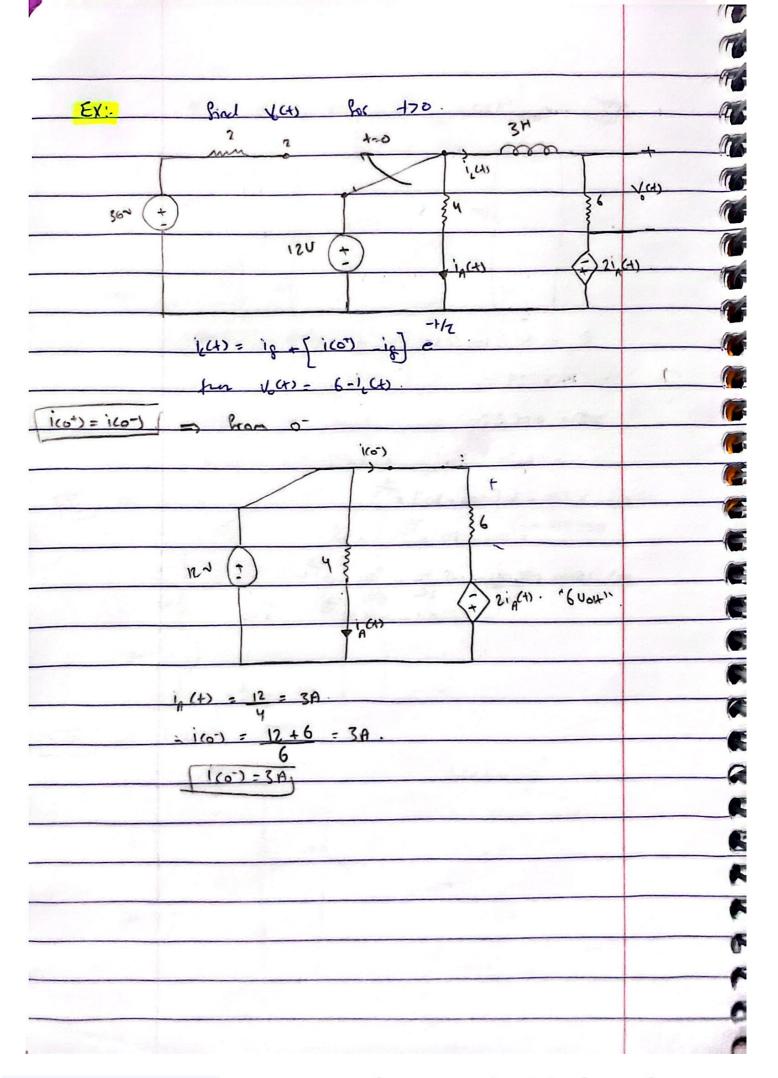


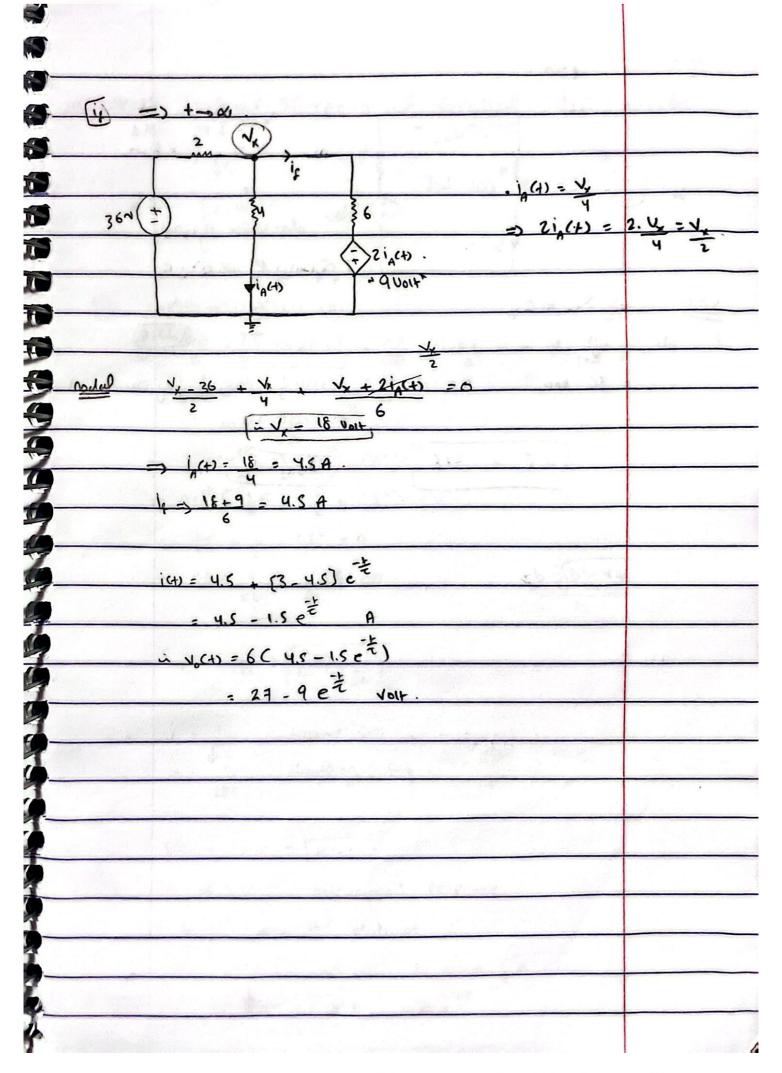


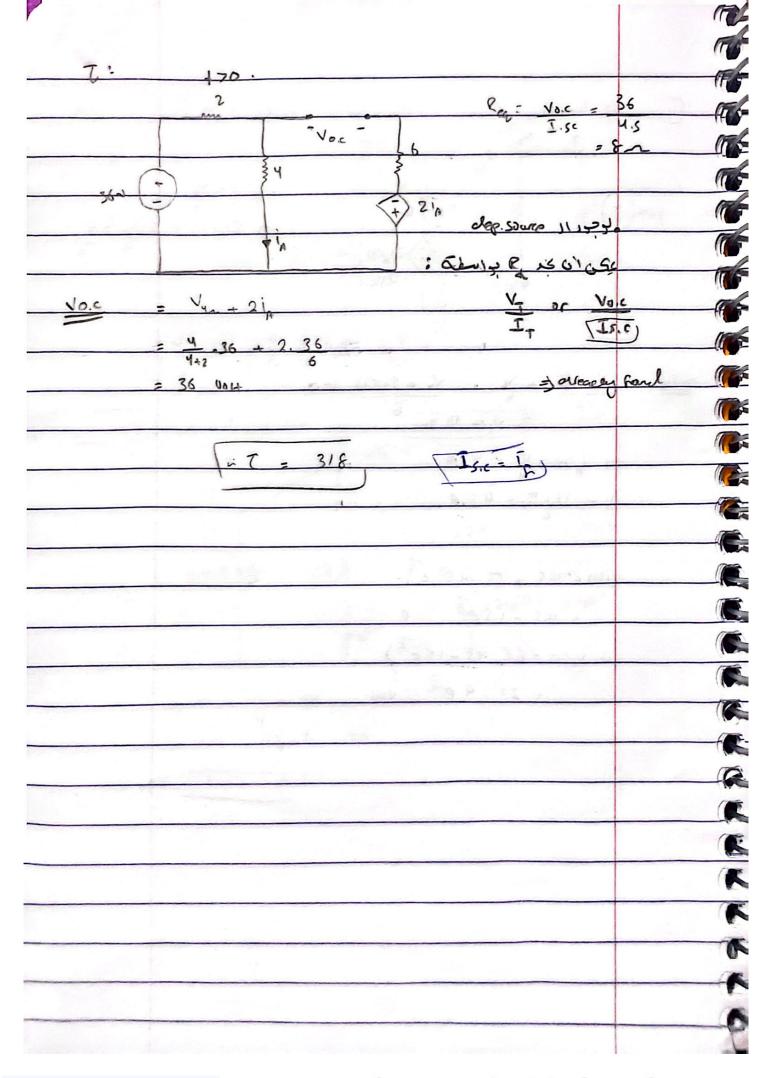


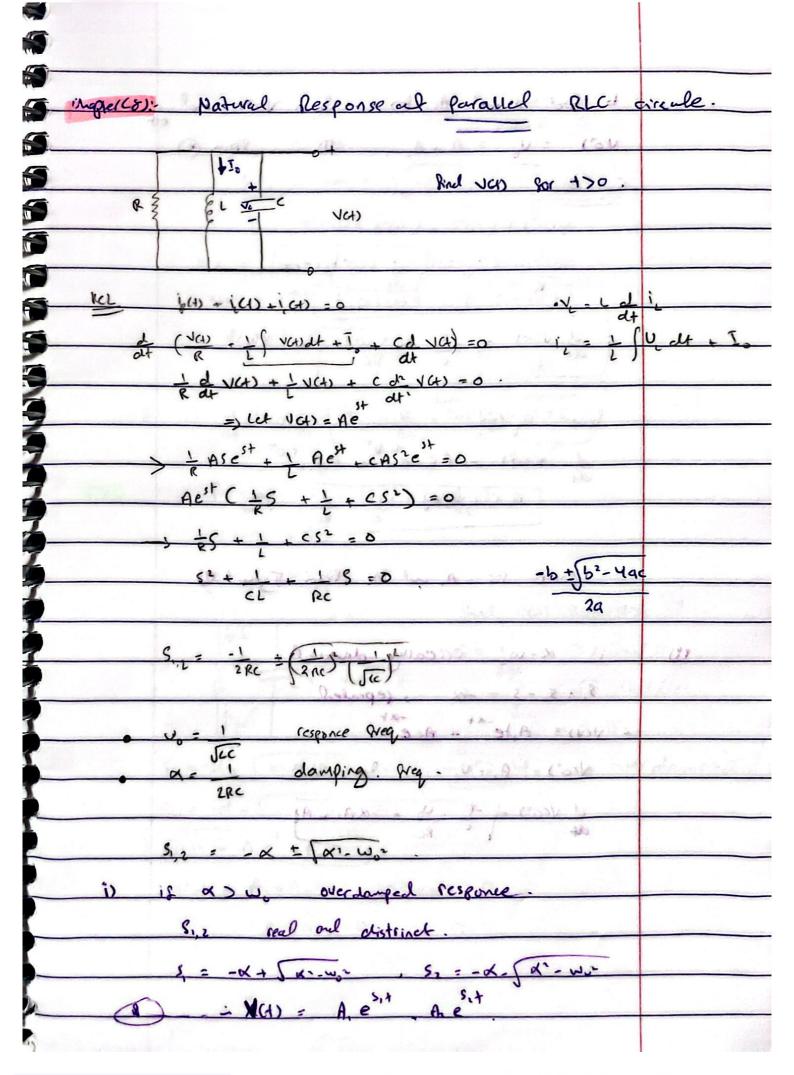


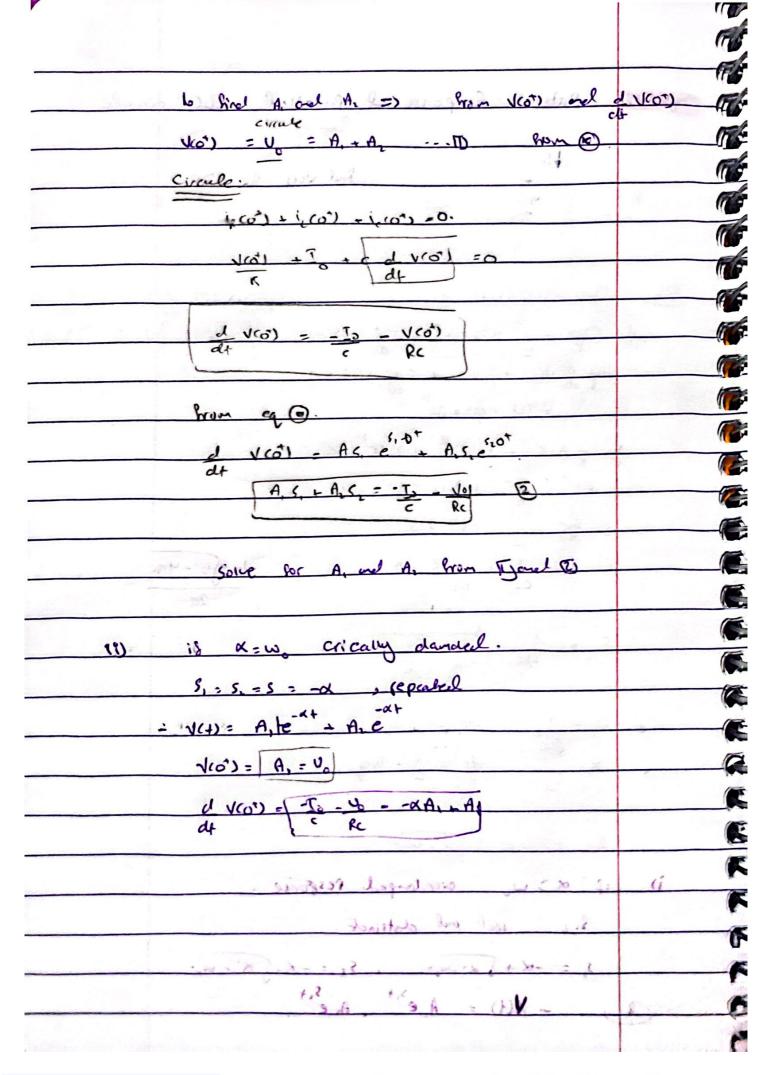


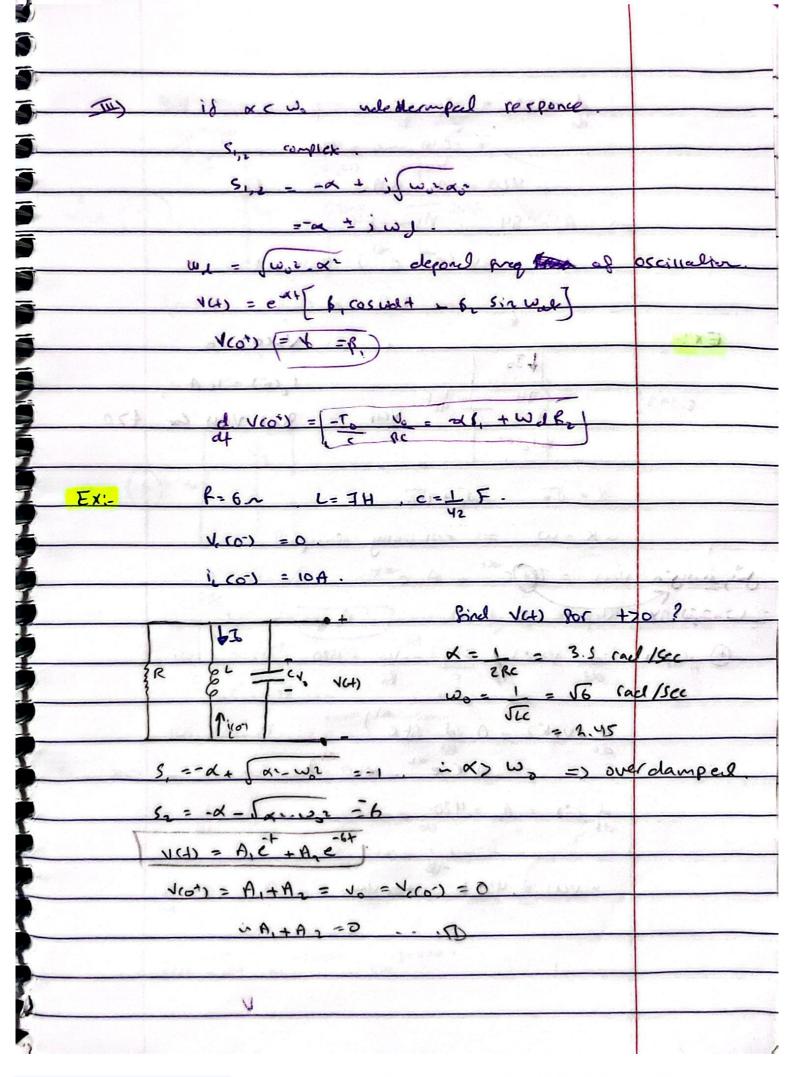


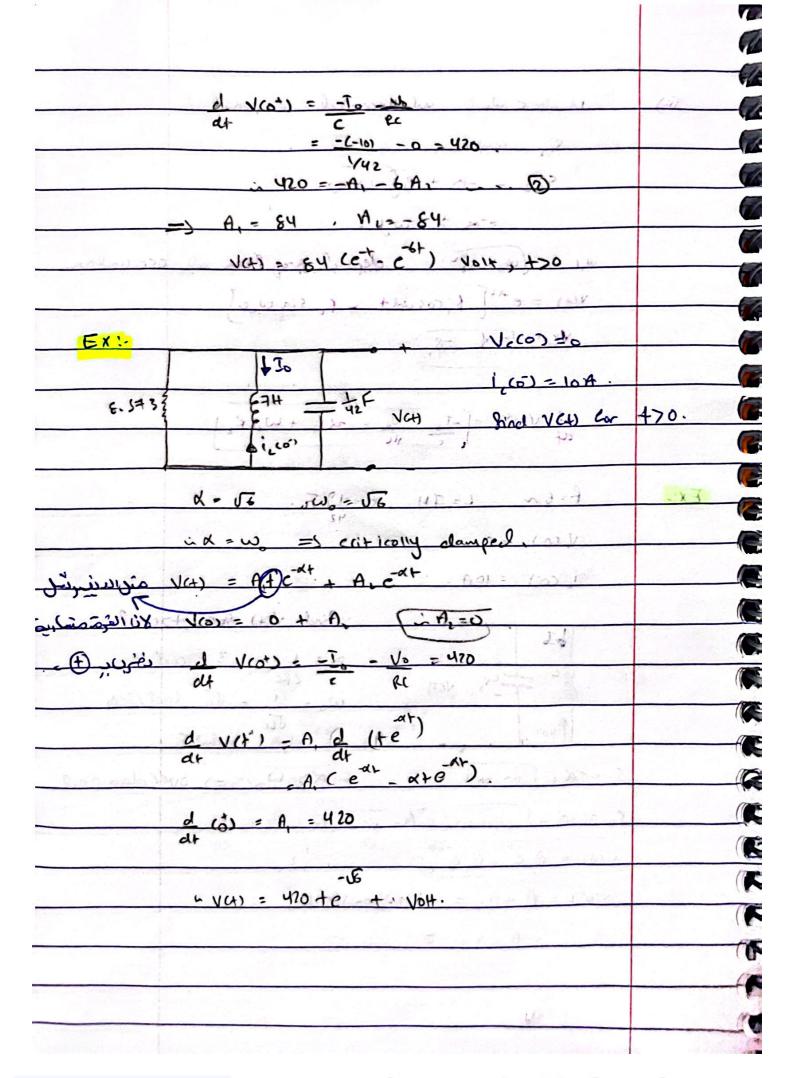


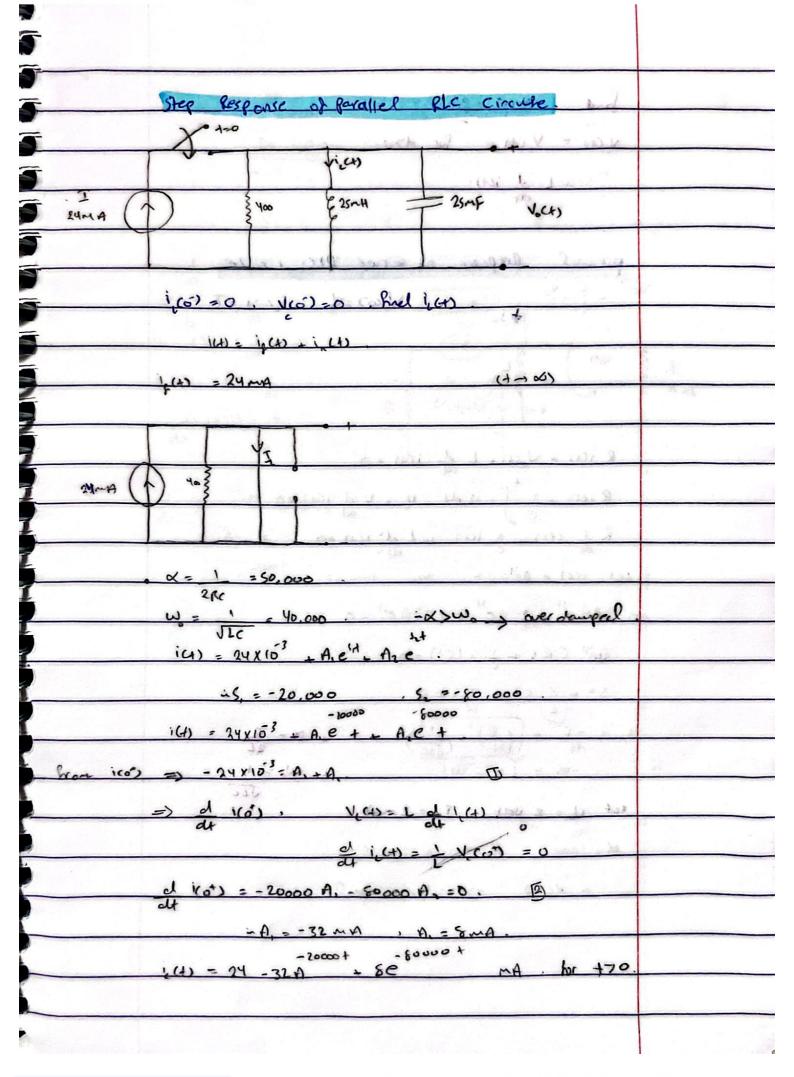


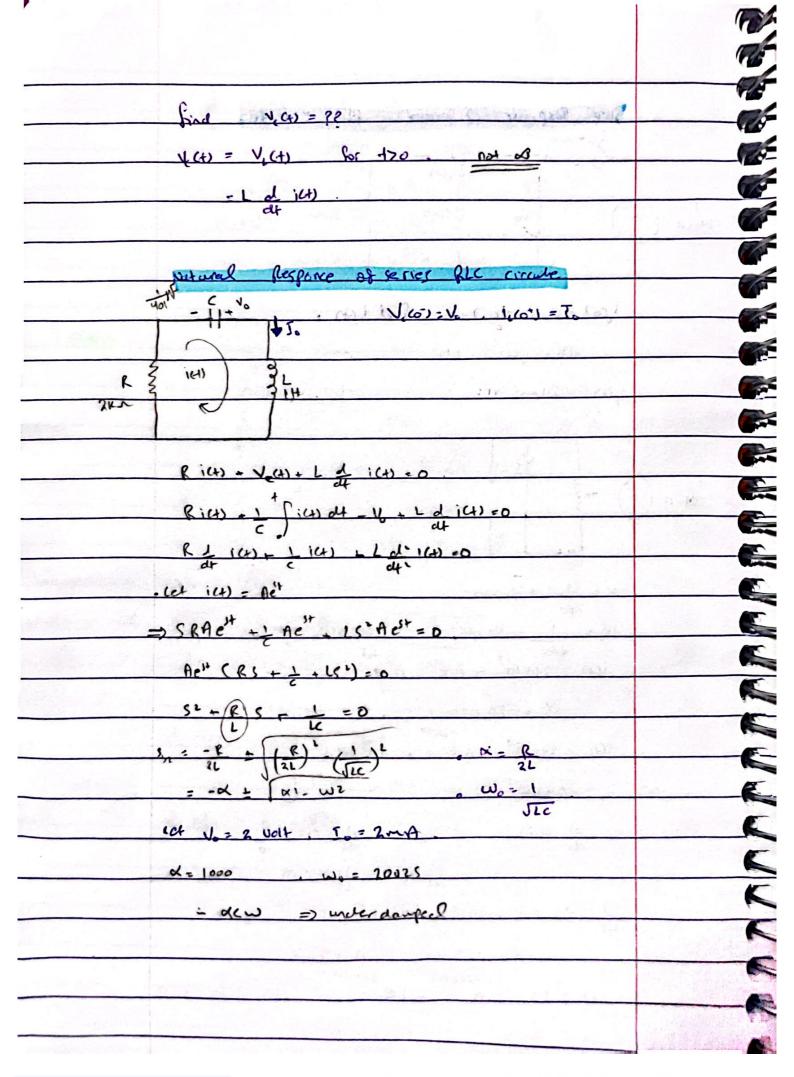


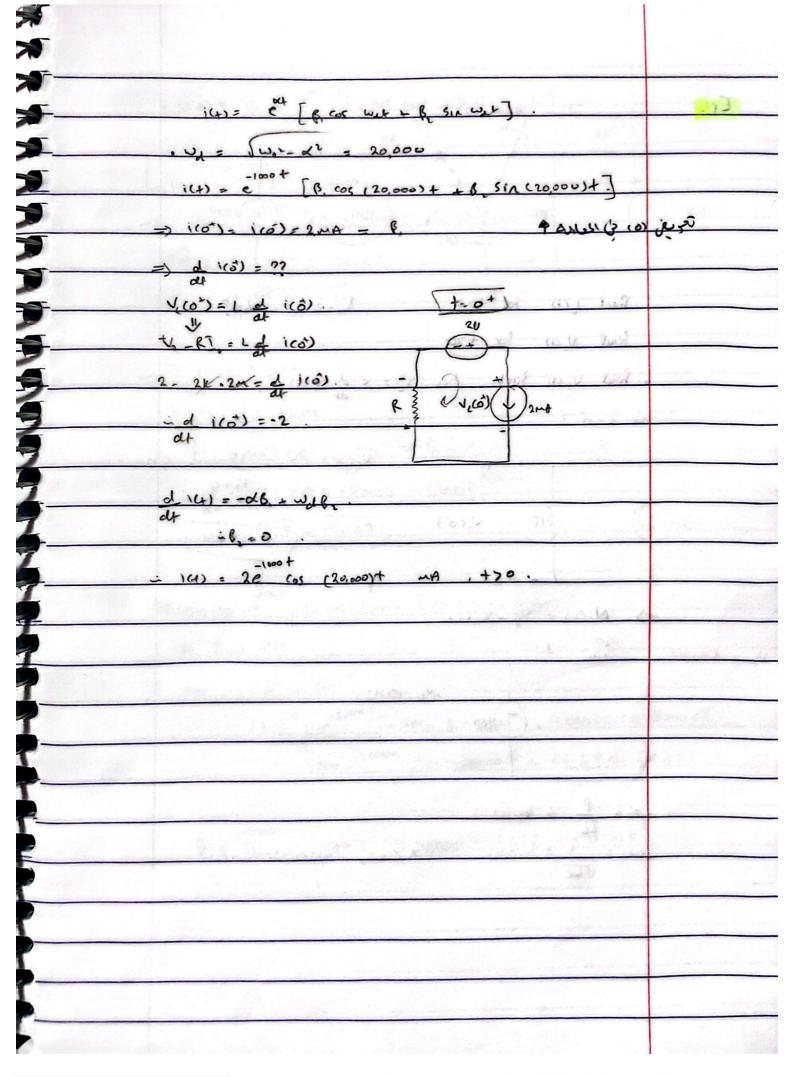


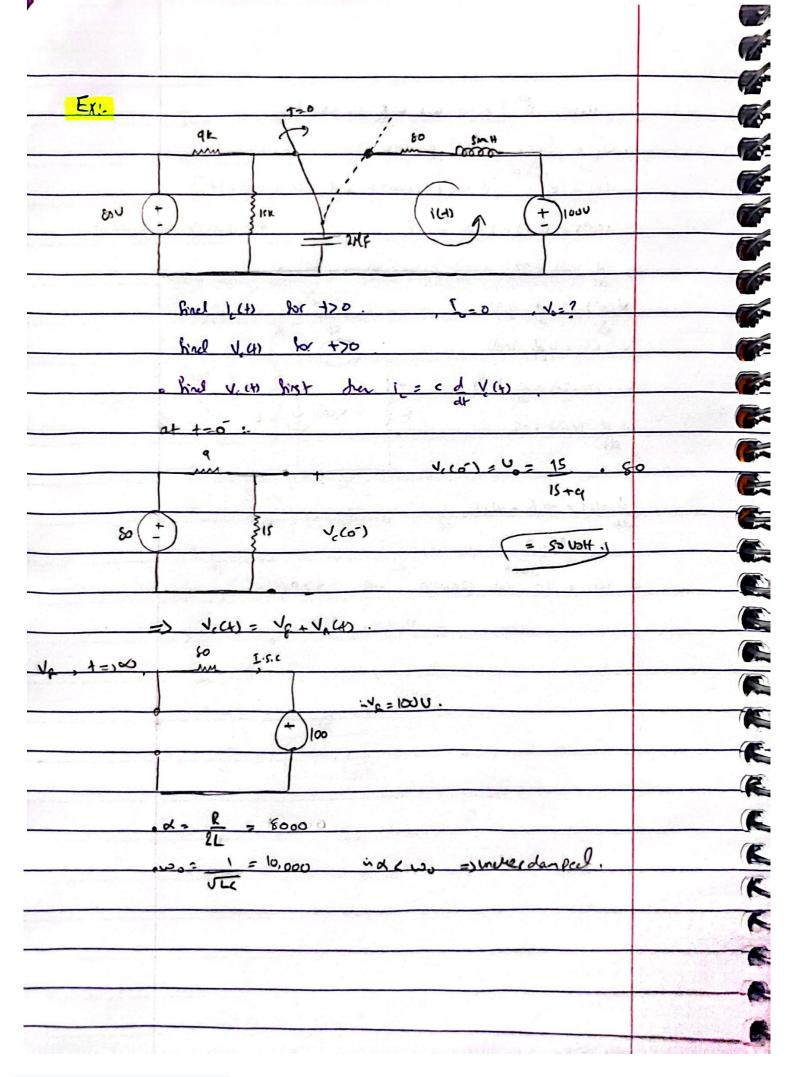


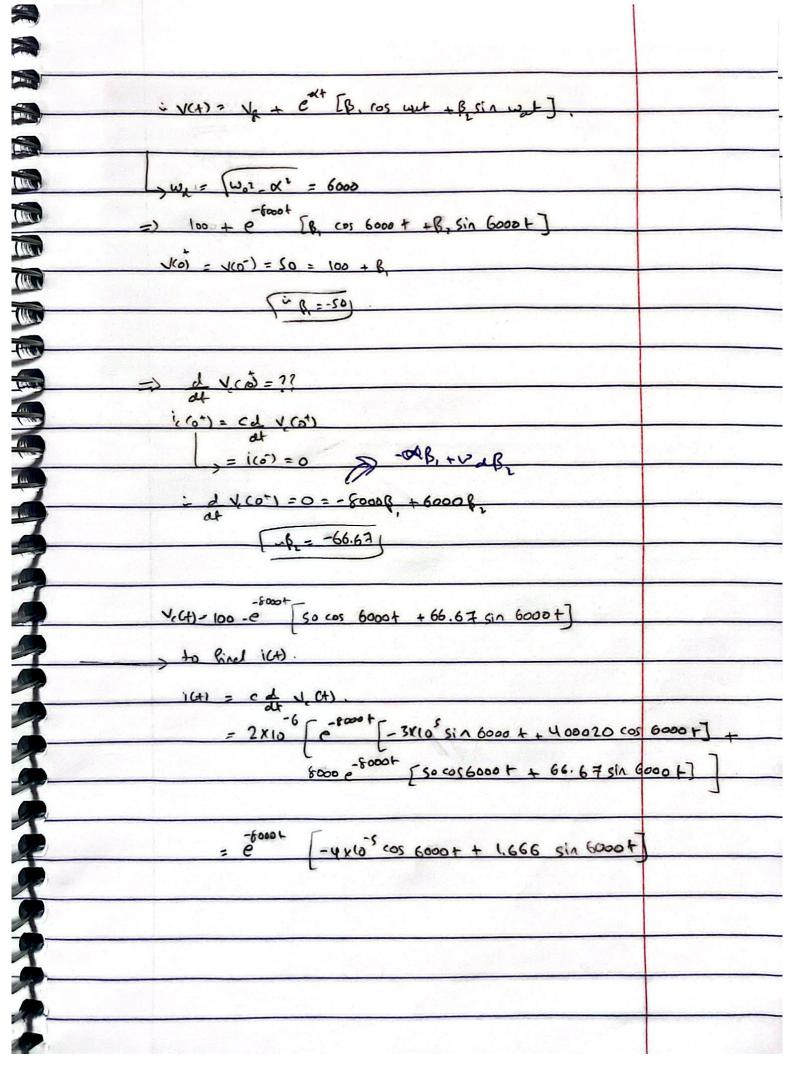


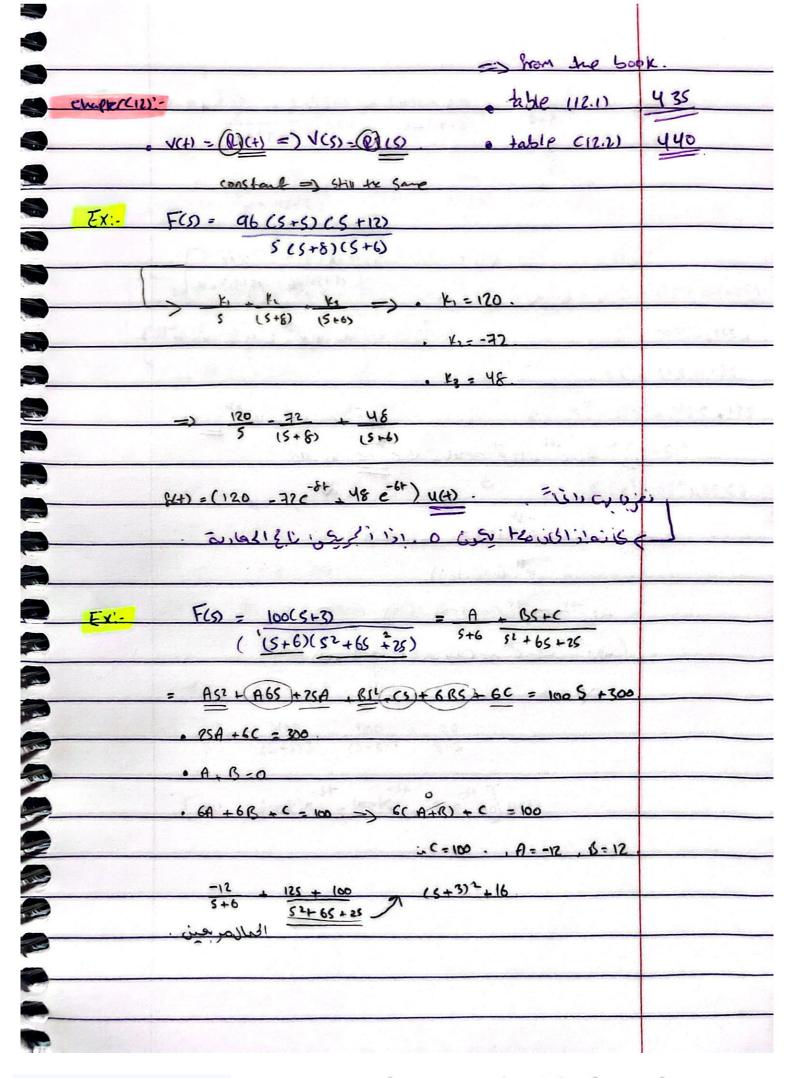


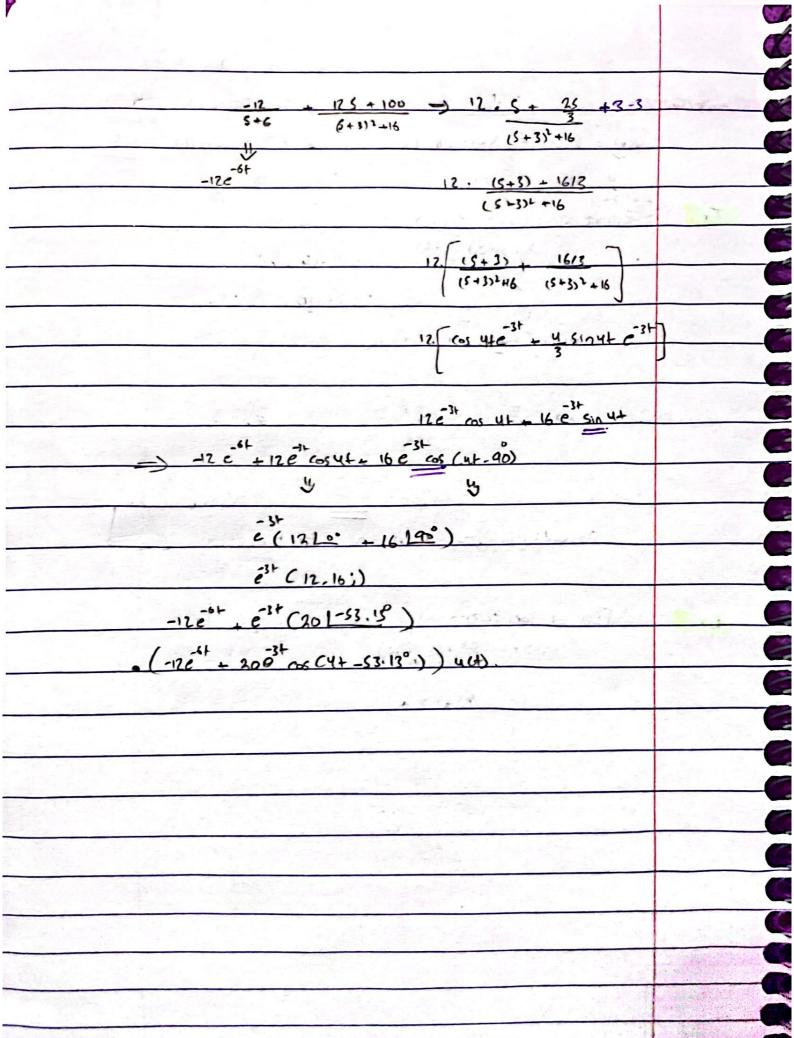




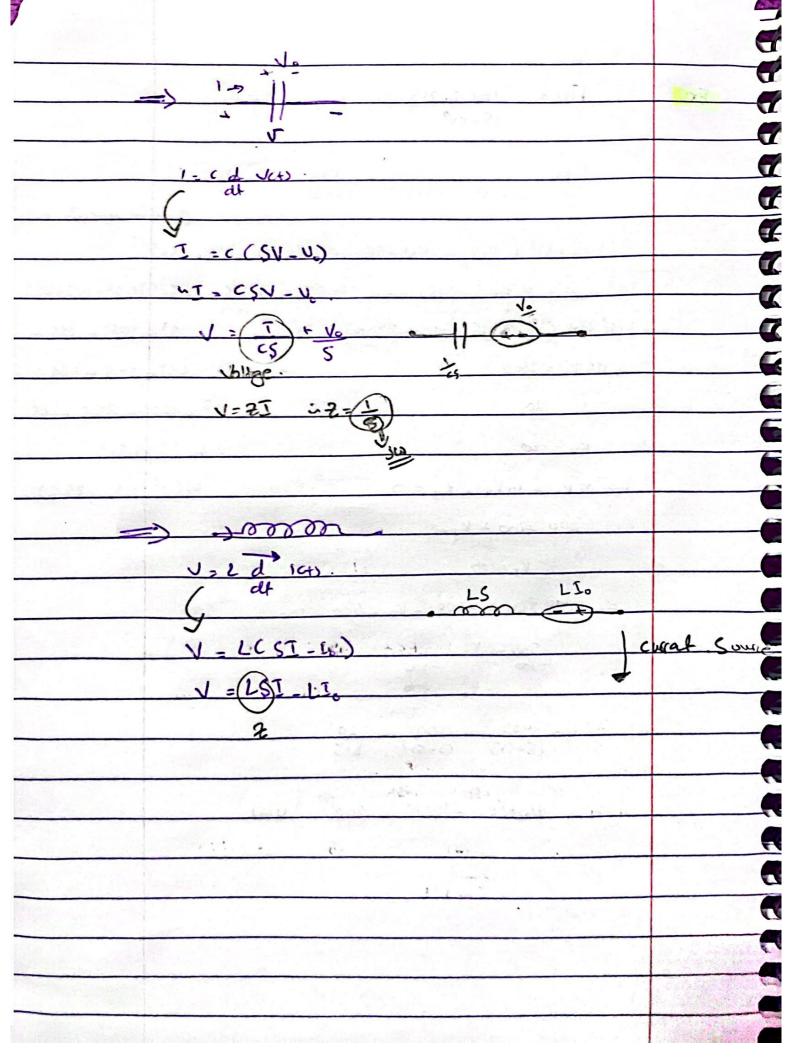


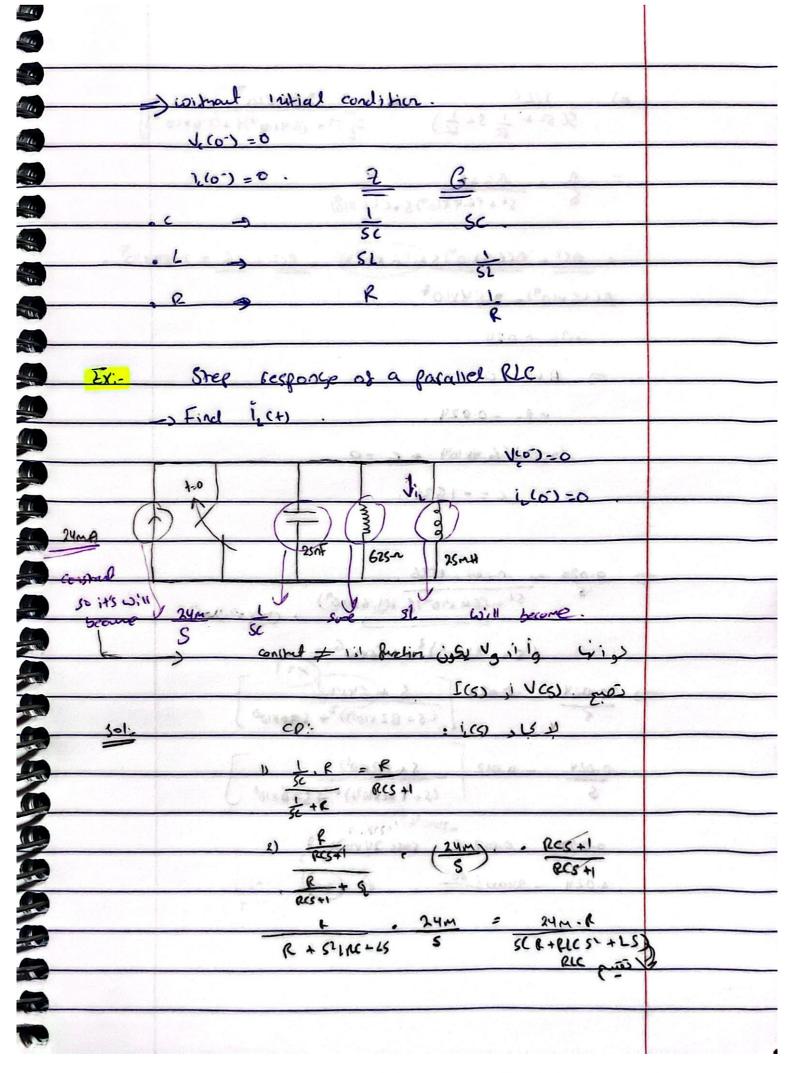


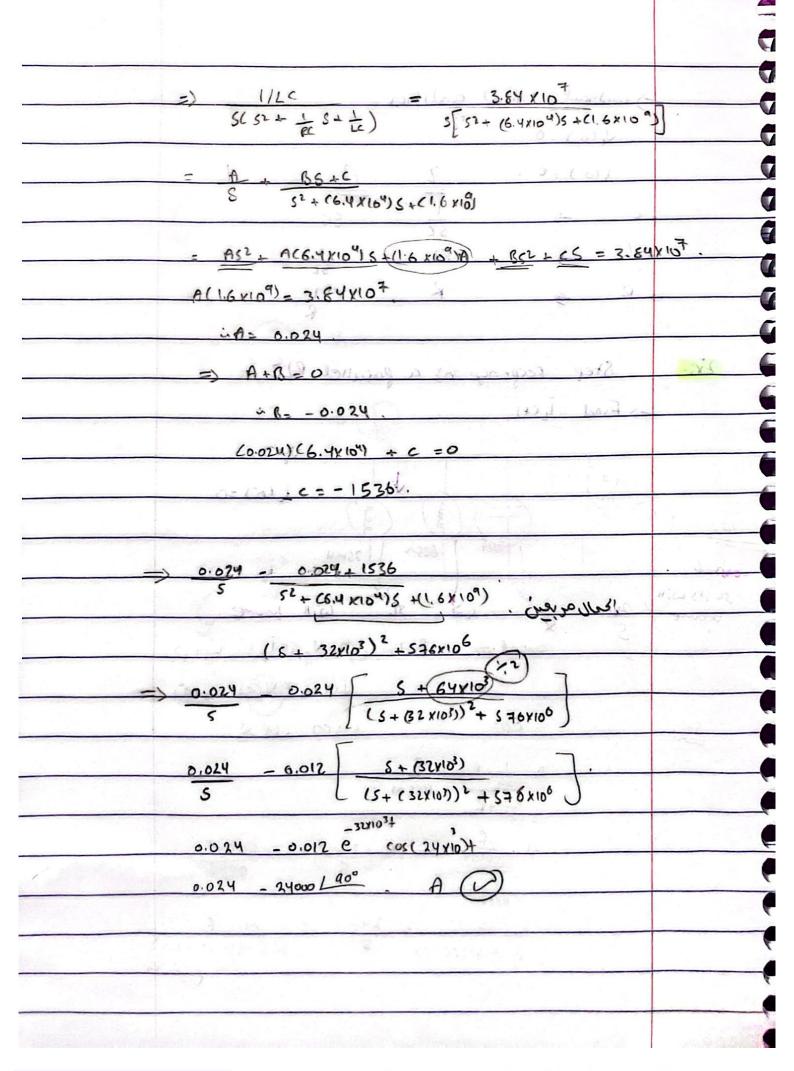


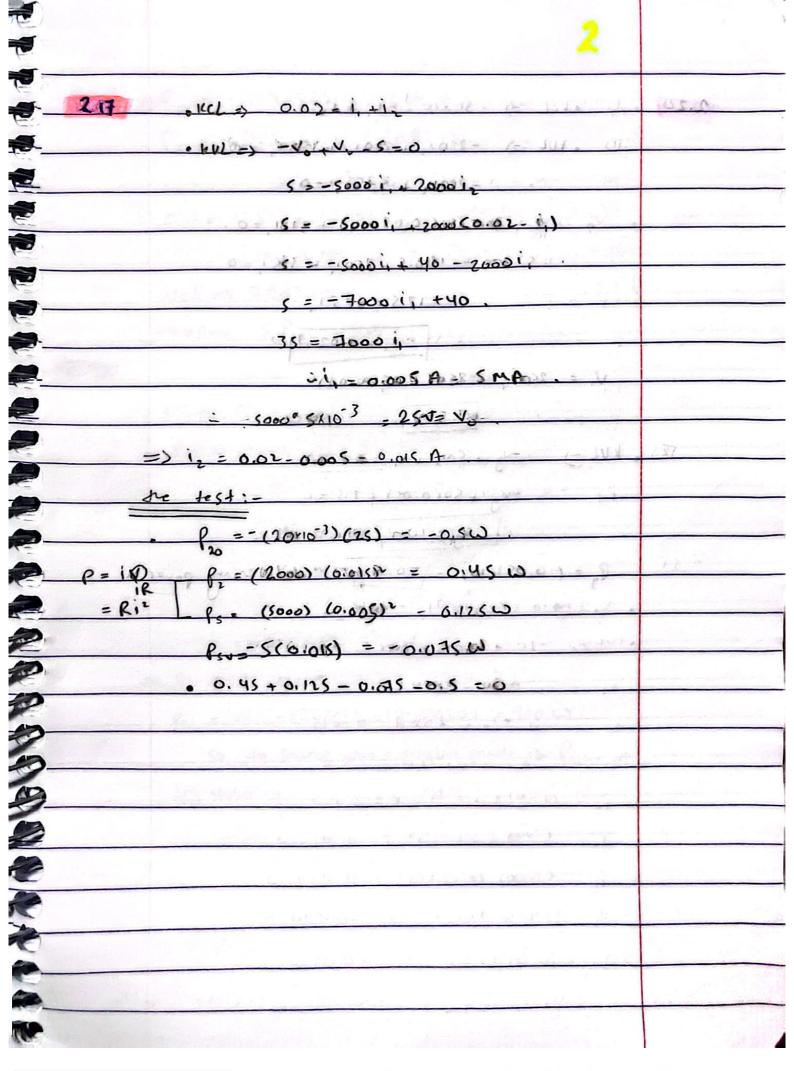


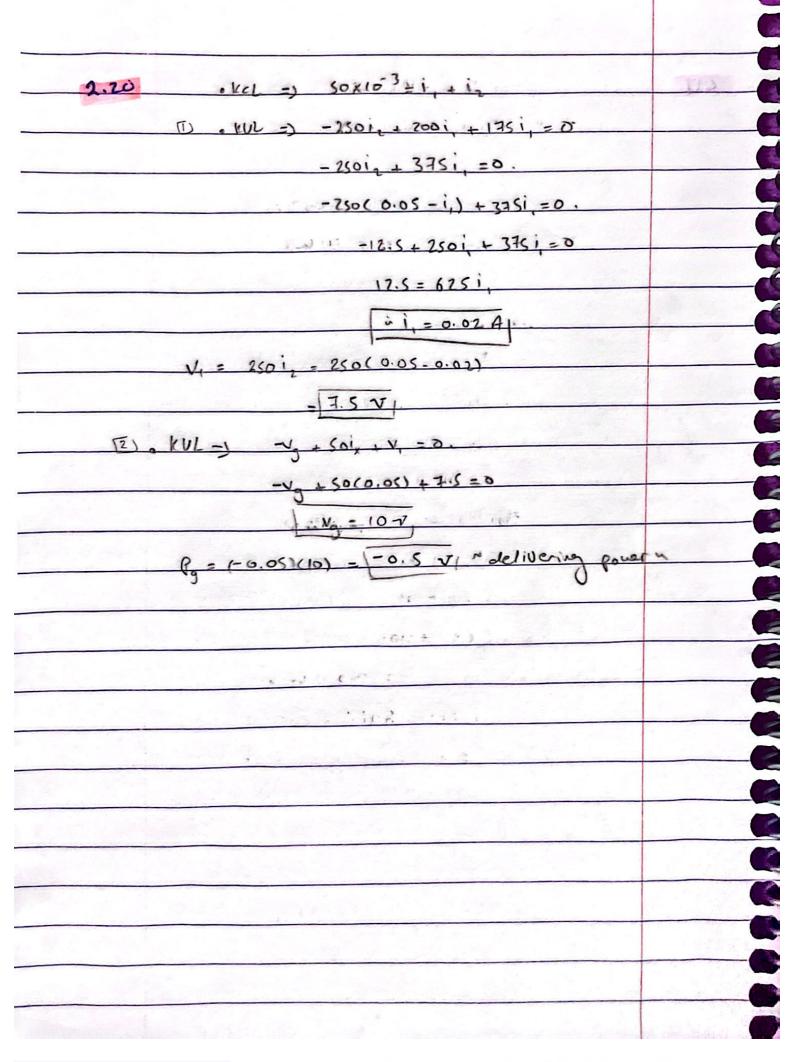
Ex:	$F(s) = \frac{100(s+2s)}{100(s+2s)}$
	(S+5) <sup>7</sup>
	5 (5x5)5 (5+5)2 (5+5)
	و توحير مقامل ق
	14(5 +5)3 + K.S - K.S+SK, +KK.(5+5)2 (5+5)3
	K, C3 - (5K, C2) 75K, C + (25 K) - K, C ) + SK, C 1 K, C + (5+5) (5+ 105+25)
	- Kys3 Flokys2} BKyS = 1005 (2500) 51+ 1052+ 255+
	125 K. = 2500
	=> 53 + 155 + 755 + 125.
	15 Ky = -20 Ky S ( 5+5)2.
	-> 15 K, + 10 Ky + K3 = 0 Ky(53, 1052 + 25 8).
	300 200 1 kg=0
	in K, = 100
	=> 75'20 + -500 + K2 -500 = 100
	-100 -500
	-k = -400 - k = -400 - k = -400
2	5 (S+5)3 (5+5)2 S+5
2	[20 200t2e - 100te 20e ] uct)
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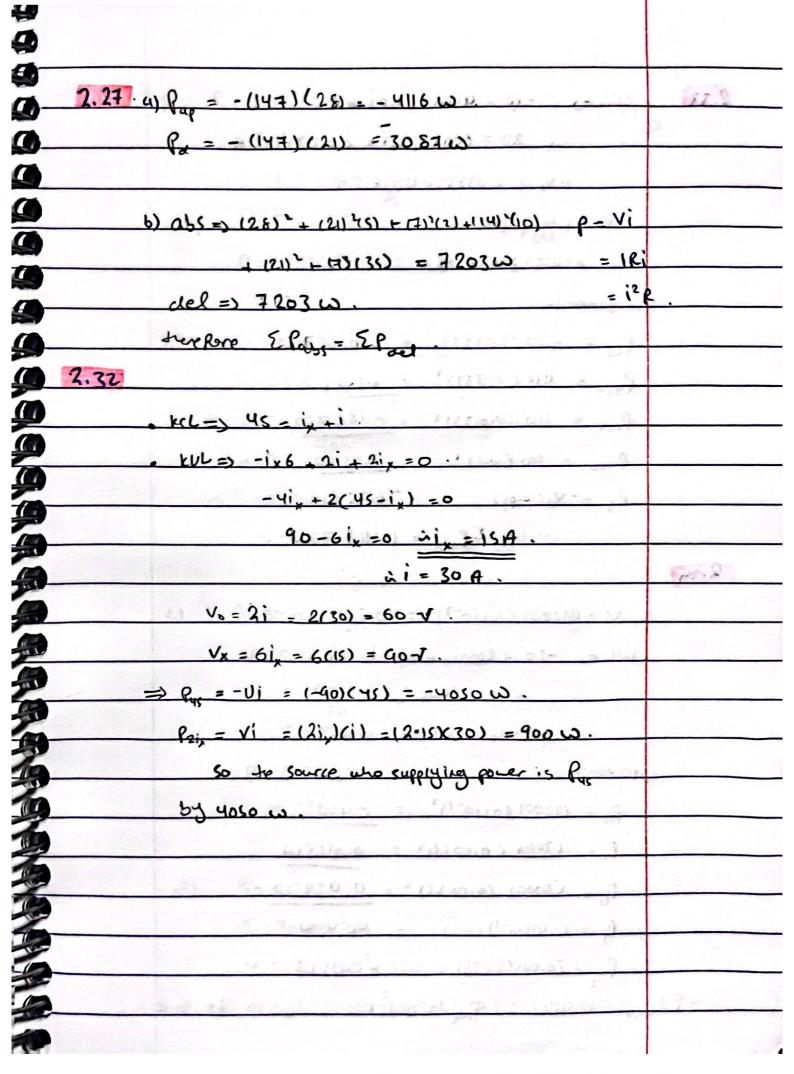




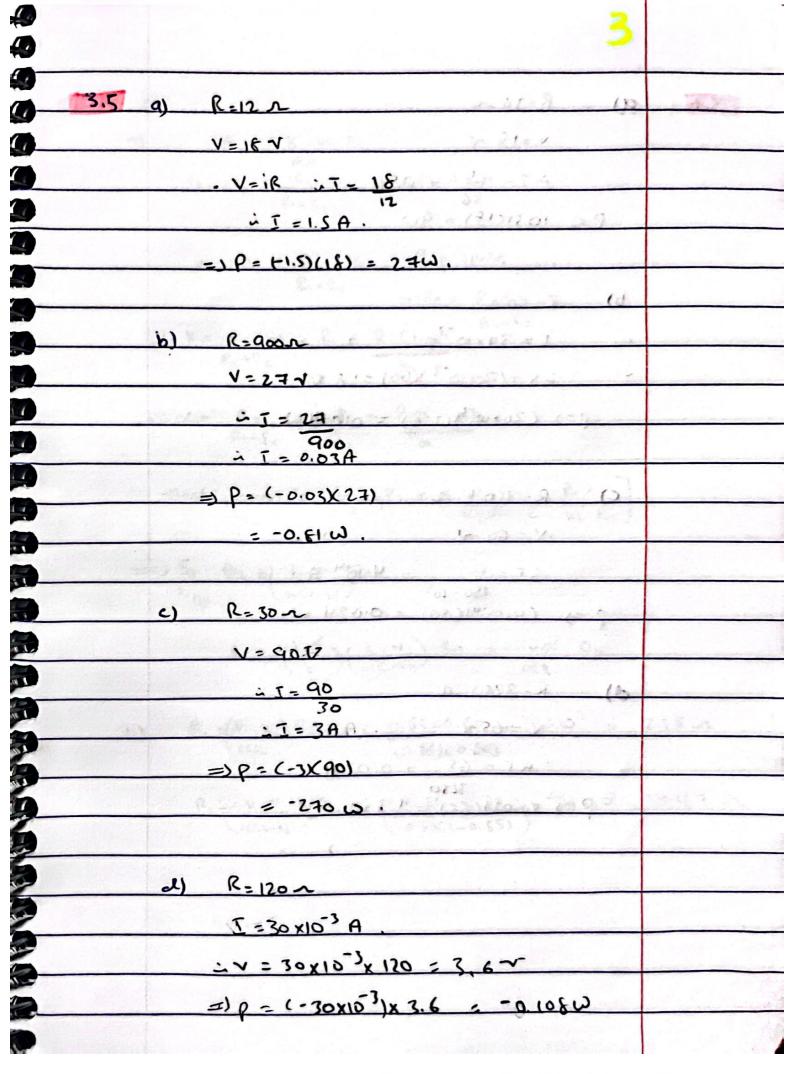




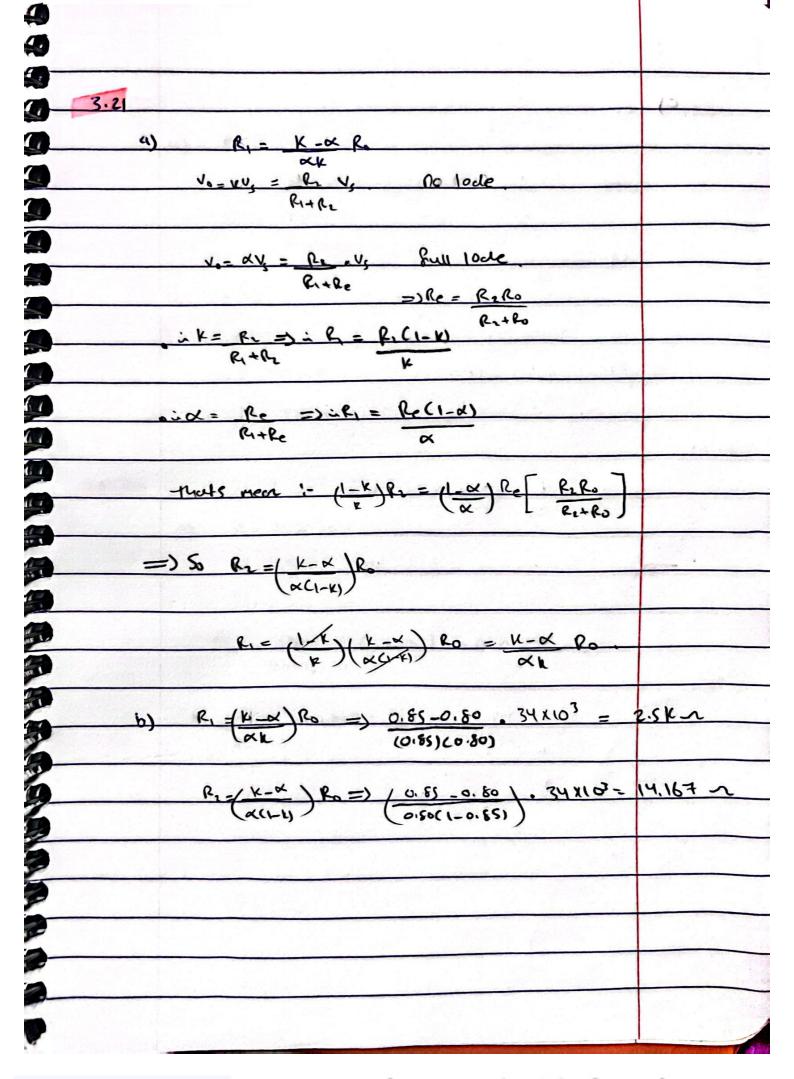


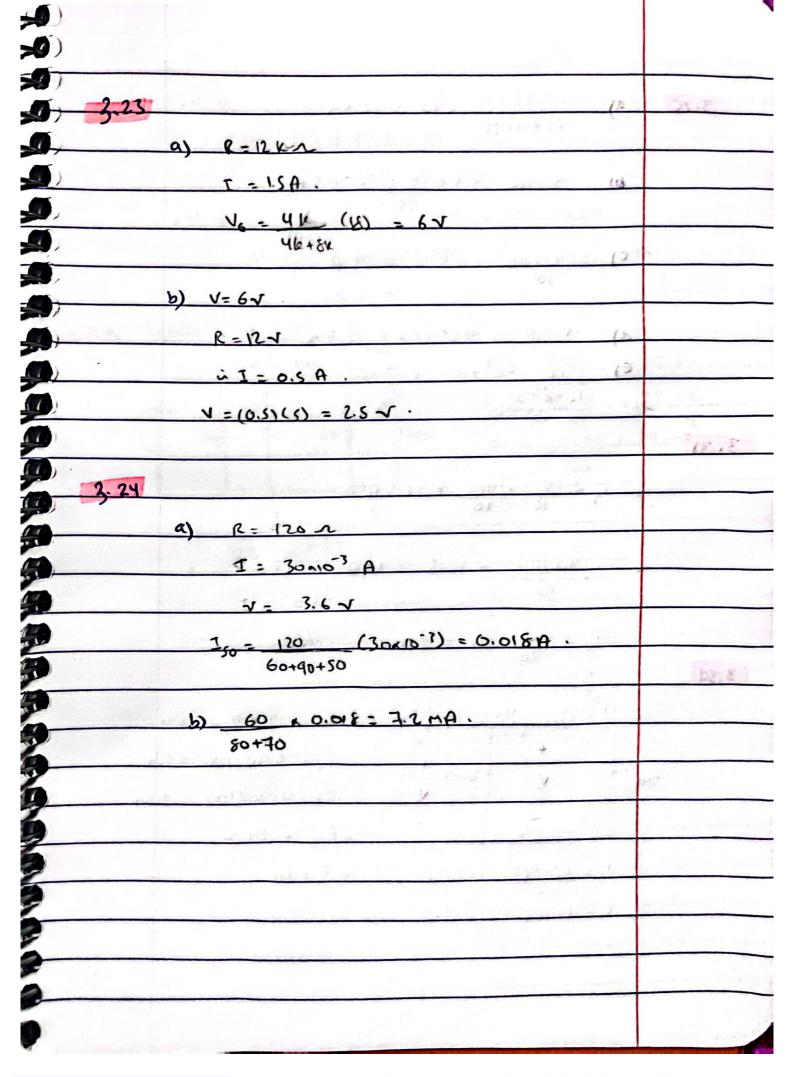


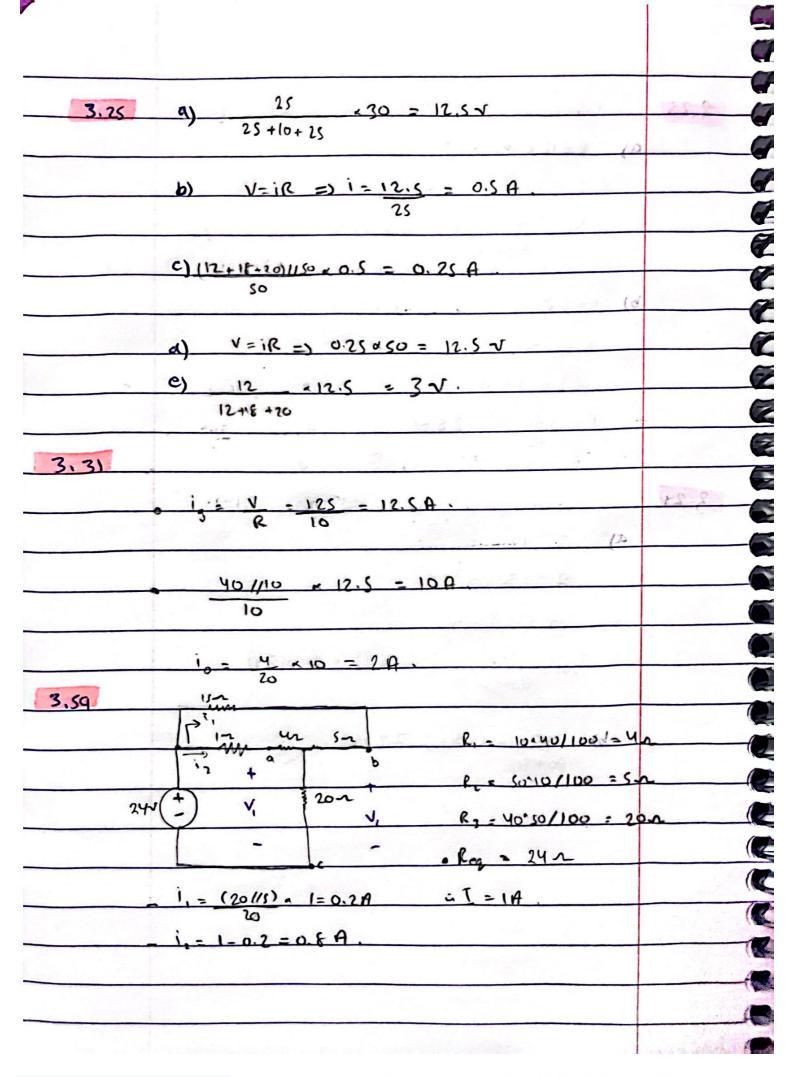
2.33 . KUL -	-> -20 + 450i + 150i = 0.	2.27 L)
D	20 = 600 i ni = 0.0 77377 A.	
	~V = 0.03337 x 150 = 5 x	
V <sub>o</sub>	2 (4) 300	4 (
491 =	= (0.5) 300 = 15 7	
= 1 000	A-1-	
	-20 (0.8337) = -0.667 W	
120		1000
(450	= 420 (0.933) = 0.50	27
Peso	= 150 (0.0333)2 : 0.16670	A Comment
P 300	= 300 (0.5) 1 = 0.75 W	
Pa =	- Va(0.05) : - 0.75 W	
	i to Elas = 1.4167 W.	
0	Tabs - 1. HOTO	
2.34		
. V <sub>1</sub> = 1	(4000) (10110-3) = 407	
· kul =)	-20 + 2000 in + 6000 in =0	
	≥ 10 = 6000 i	
	Fig = 2.5MA = 0.0025	
	Land Company of the C	
	(4000) (0x10-1), = 0.4 m	
l=	(2000) (0.0020) = 0.0125W	
P <sub>6</sub> =	(6000) (0.002() = 0.0375W	
	(-10×10-7) (40) = -0.4 W	
- V. =	[0.0025] (70) = -0.05 W	The state of the s

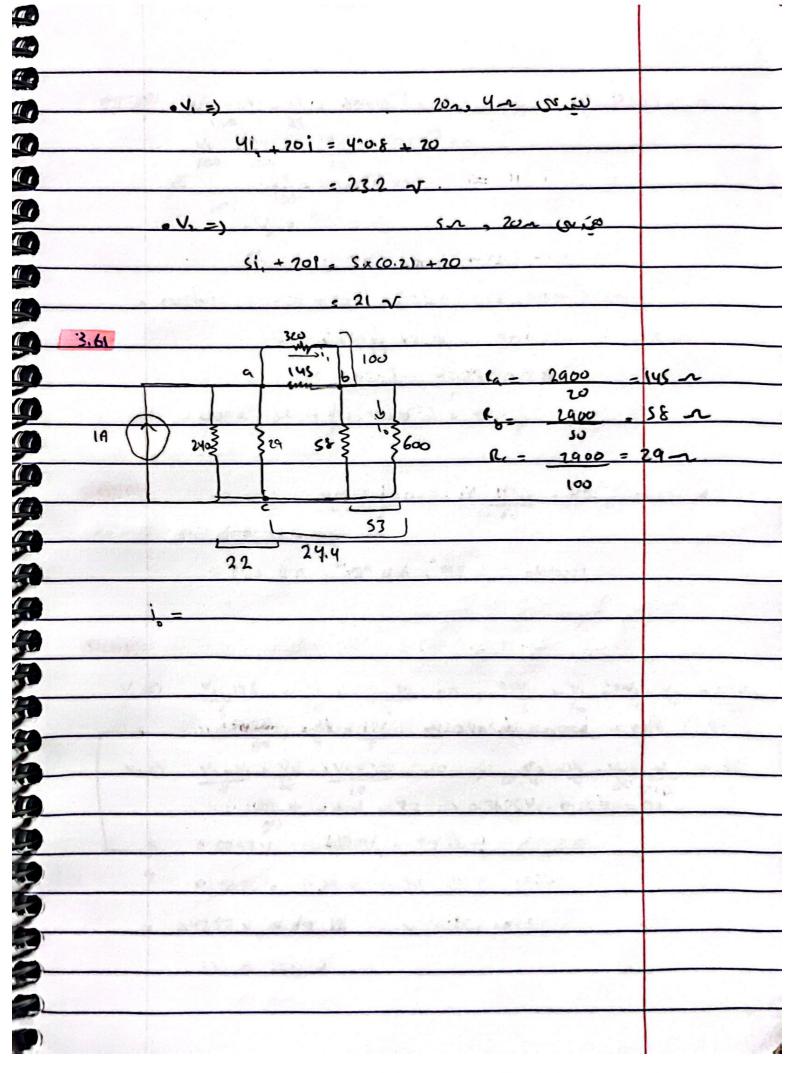


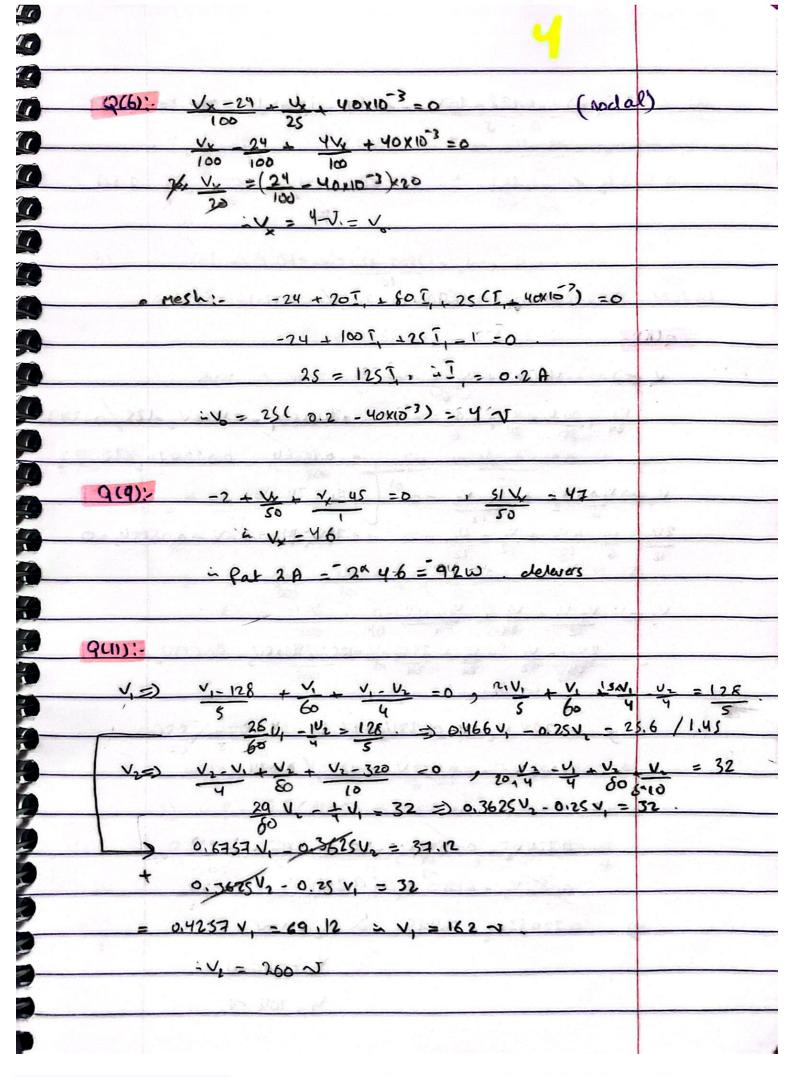
		<b>2</b>
3.6	a) $R=36$	7.60
-	V=18 V	
	= 7 = 18 = 0.5A.	7
	P=) (0.5)(18) = 9W	<b>E</b>
		<b>C</b>
	b) R=601	· · · · · · · · · · · · · · · · · · ·
	I = 30×10-3 A. 100-5) (d	
	in V = (30×10-3 ×66) = 1.8 ×	
	P=) (30×10-3)(1.8) = 0.054W	
		<b>E</b>
	c) R= 150 k-2.	
	V = 60 V	
	it = 60 = 410 A.	
	150~107 P=> (4.10-4)(60) = 0.024 W ()	
	d) R=3250 n	
	V = 65 ~	
	45 = 65 = 0.02A.	
	P=) (0.021(65) = 1.3 w,	
The second secon		
	Land to the state of the state	

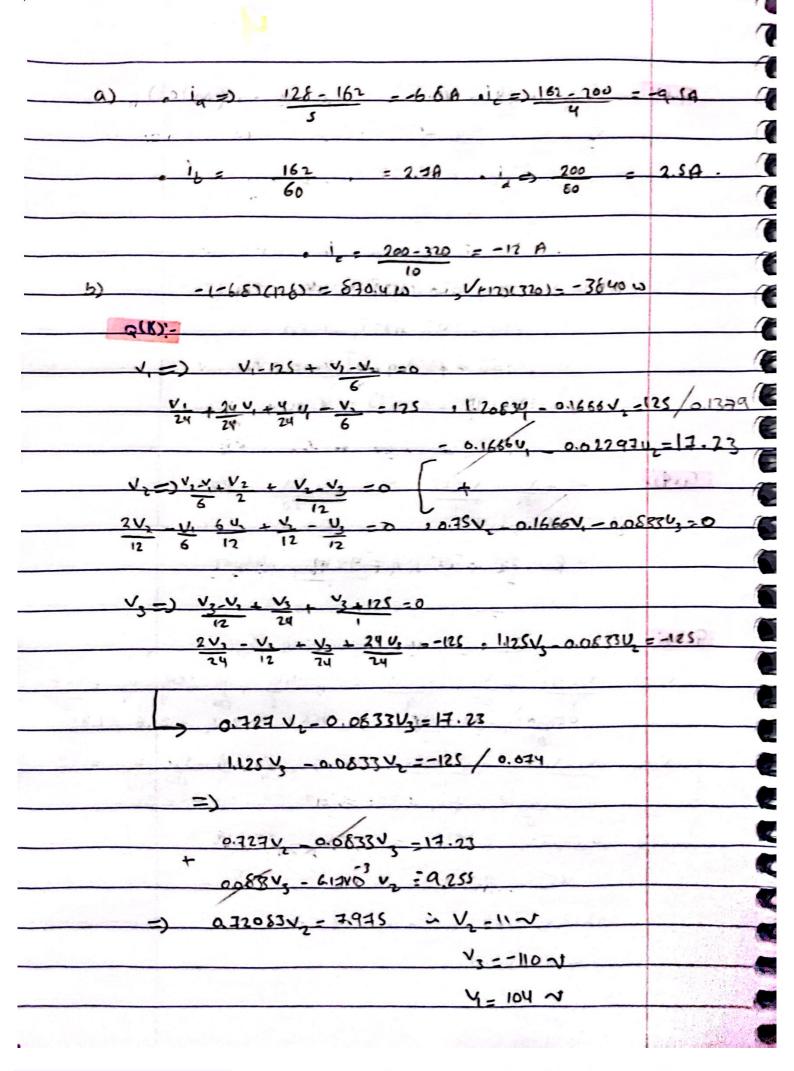


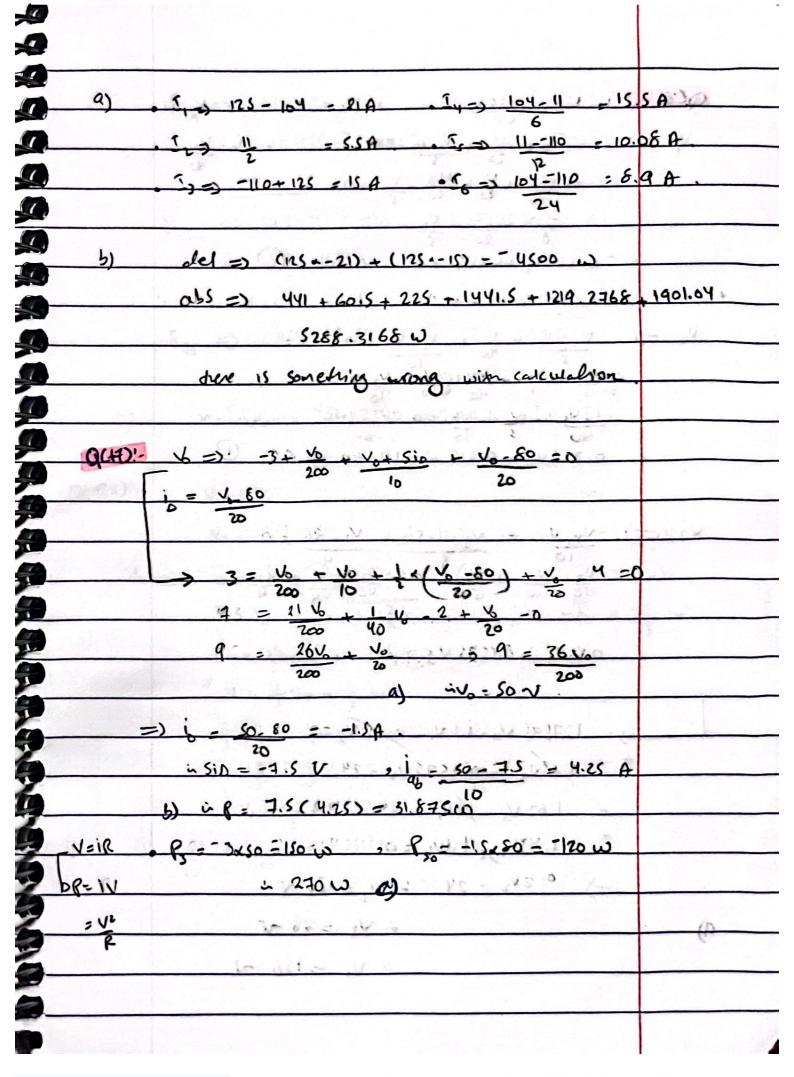


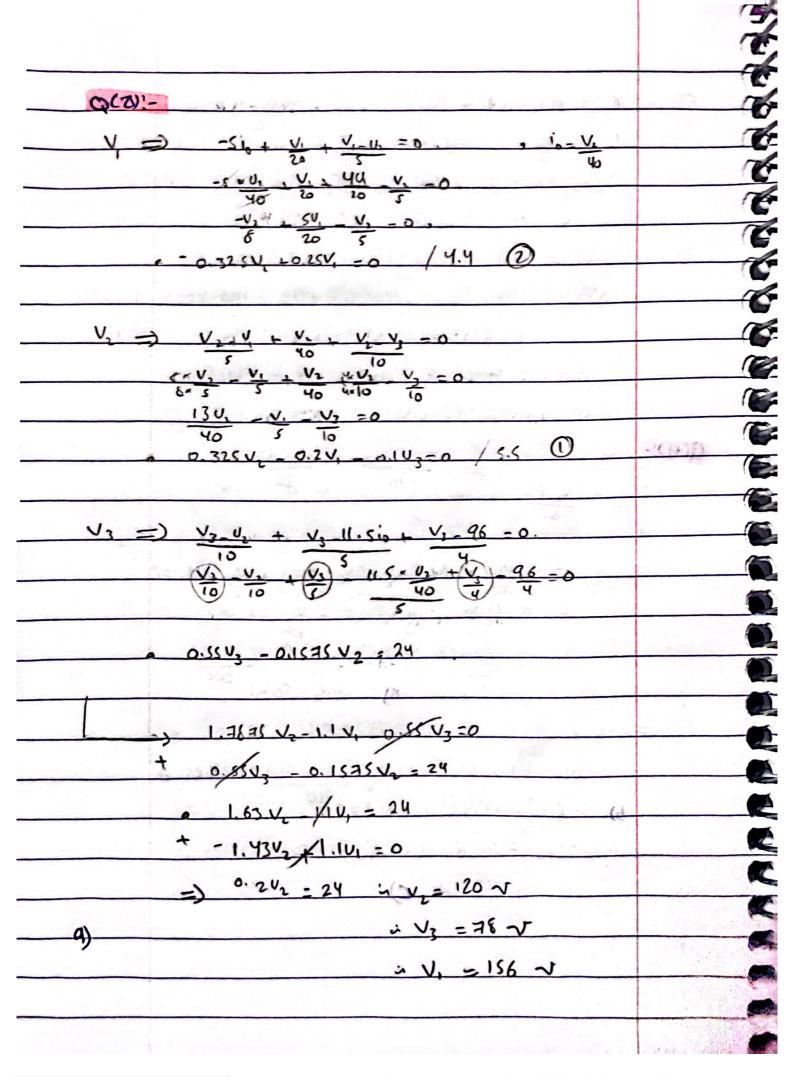


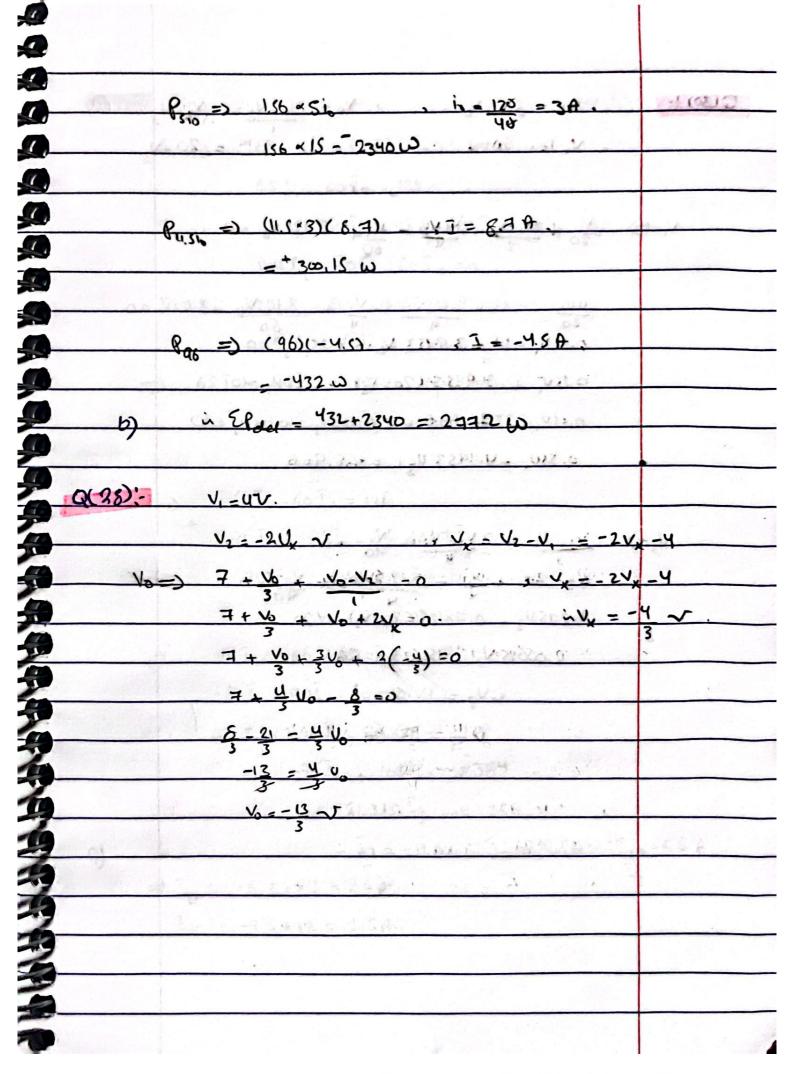


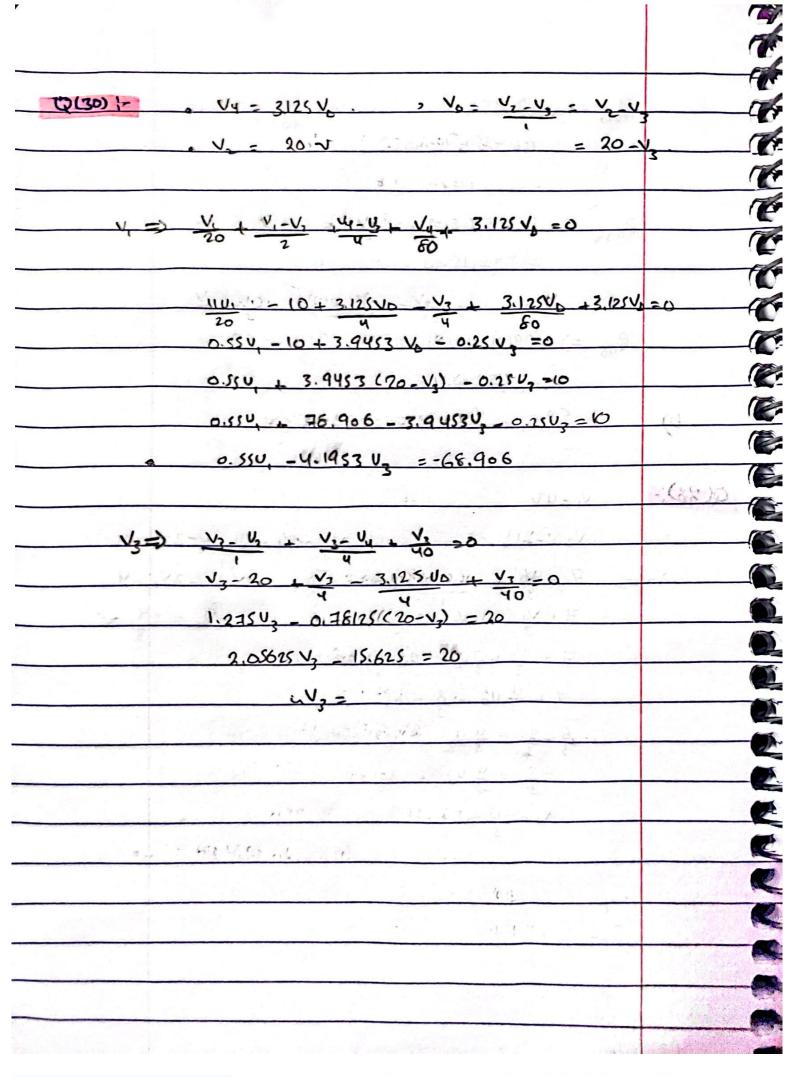


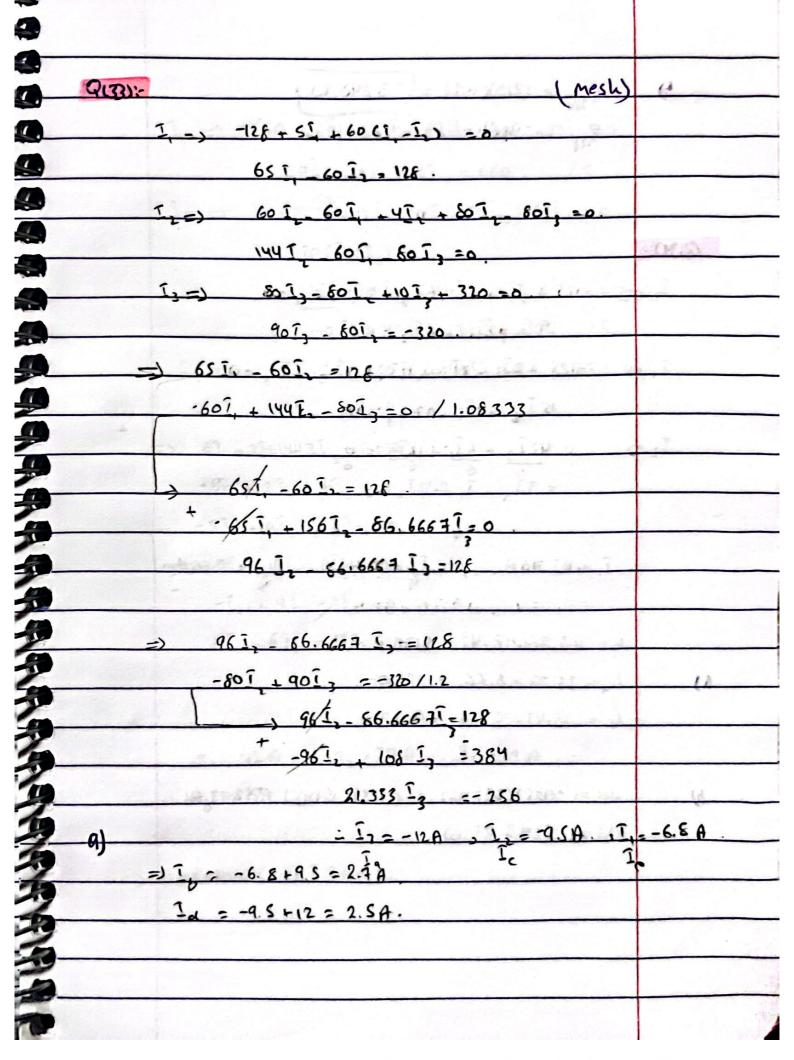




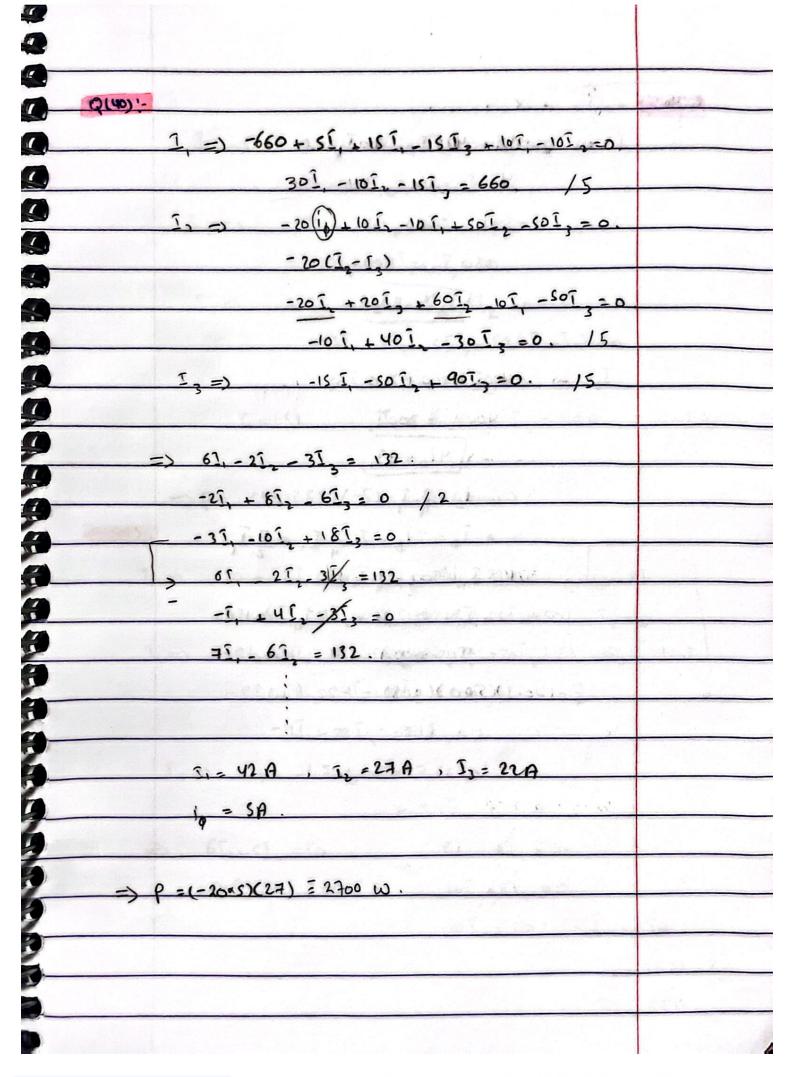


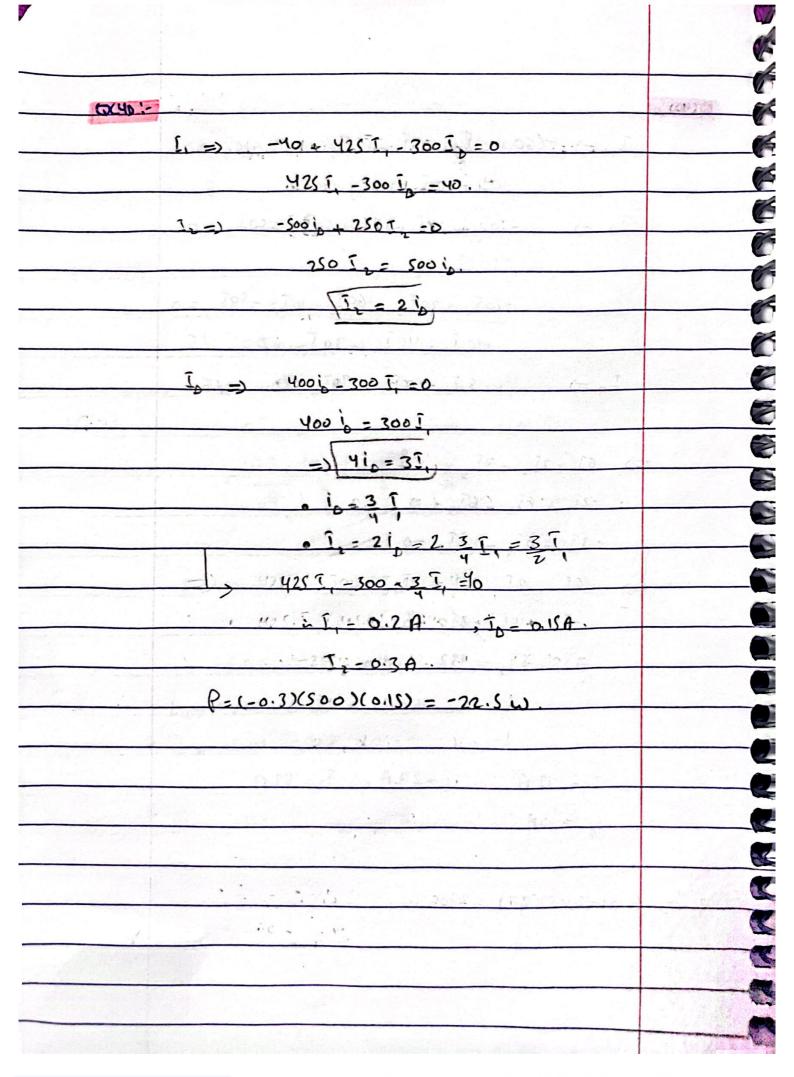


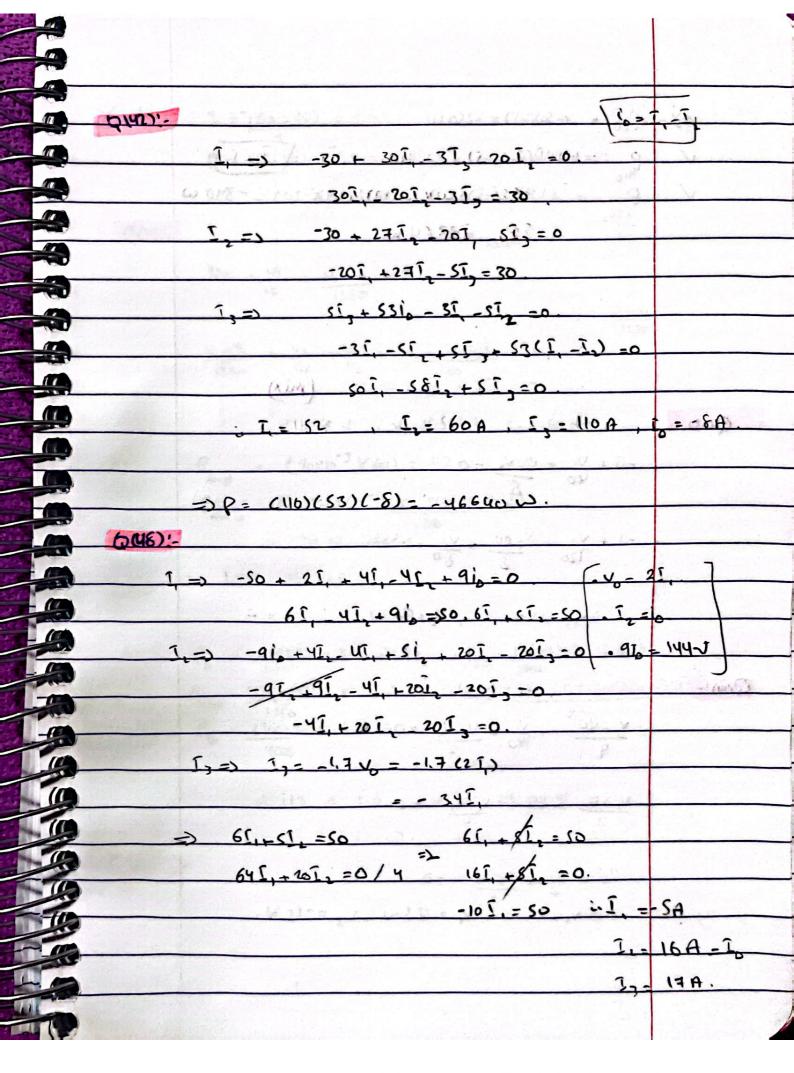


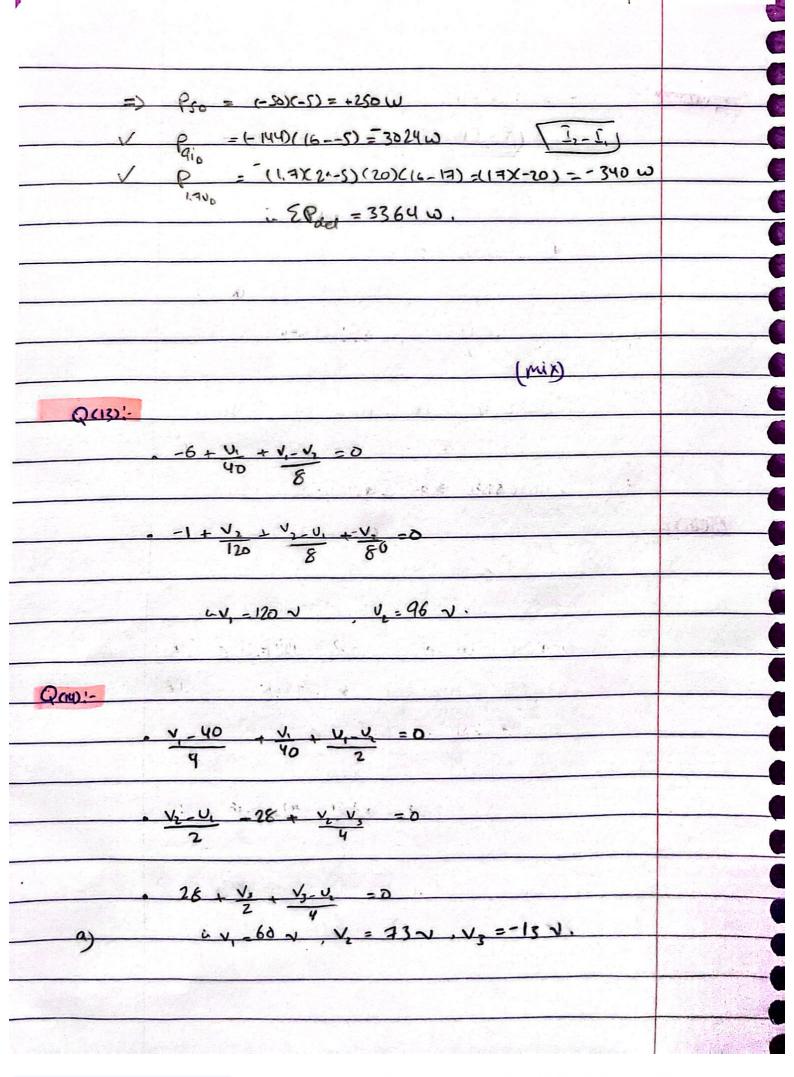


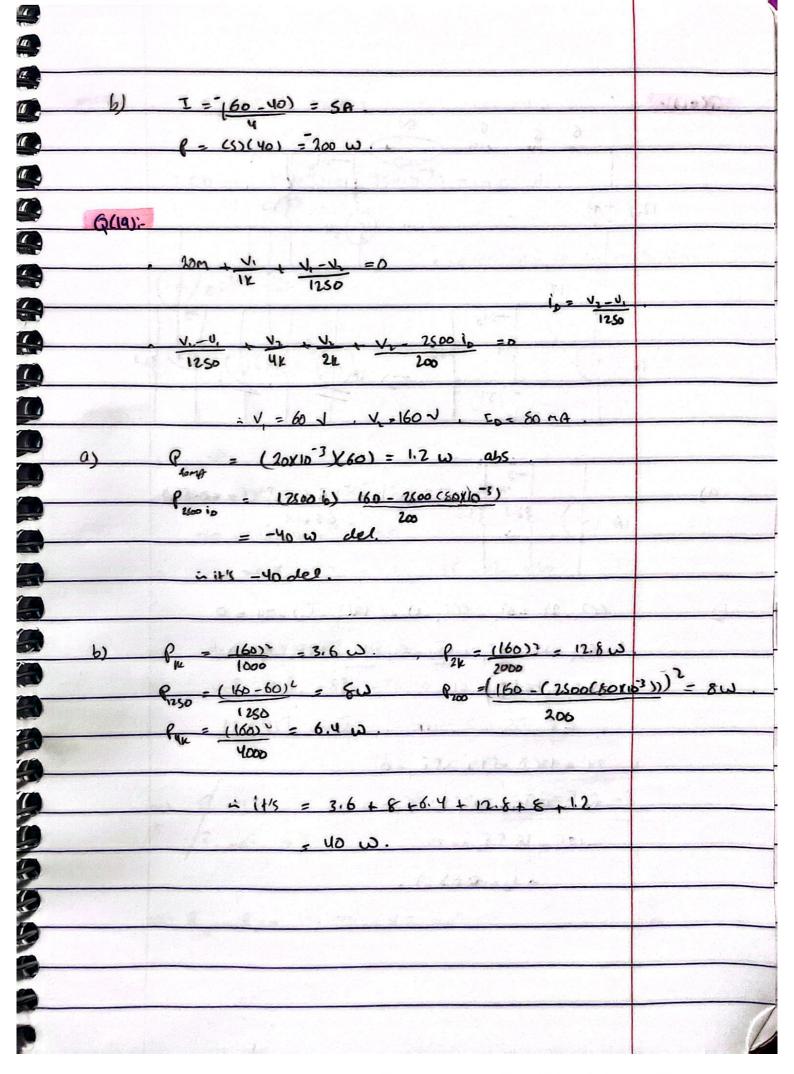
5)	(320) = (320)(-12) = (-3840 W)	(6)
	Par = -(126)(-68) = 870.4 W	
-		
QUY)!-	and the second second	
Î, =	-125 + 1, +61, 61, 21, -21, -0.	
	9[,-2], -6], = 125	
	-125 +21 + n1 - n1 + 1 = 0.	
	15 12 - 21, - 12 13 - 125.	
I,=	4213 - 61, - 1217 = 0	
	= 7] 1 - 2] =0	
	0 - 12 10 2 28 3 3 3 3 3 3 3	
	I, = 23.76A I, = 18.43 A . 77 = 8.66A.	
- Appendix		
i	= 23.76-18.47 = 5.33 A.	
6) 1	4= 23.76 - 8.66 = 15.0A.	
	8 = 16.43 - 8.66 = 9.77 A.	
The second of	The state of the s	7
A		
<u>b)</u> .	lel => -(125)(23. =6) + (-125)(18.43) = 5273.75	- 7
a	45 = 5293.75 W.	(P
		1

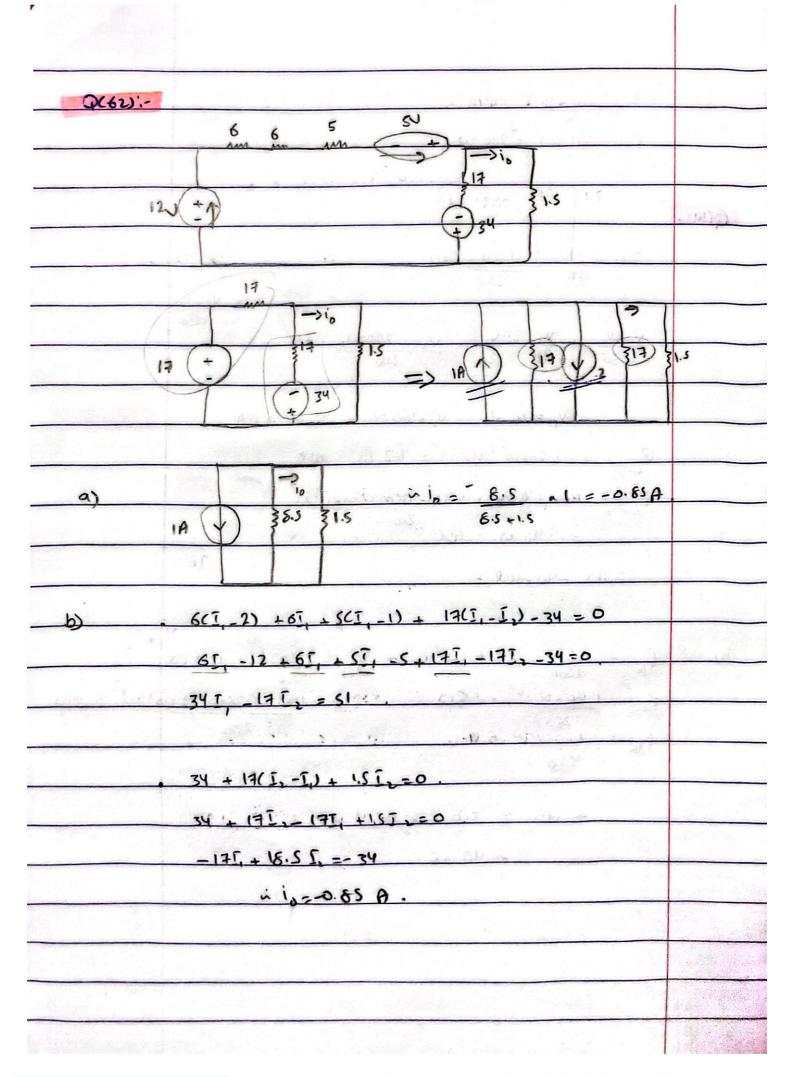


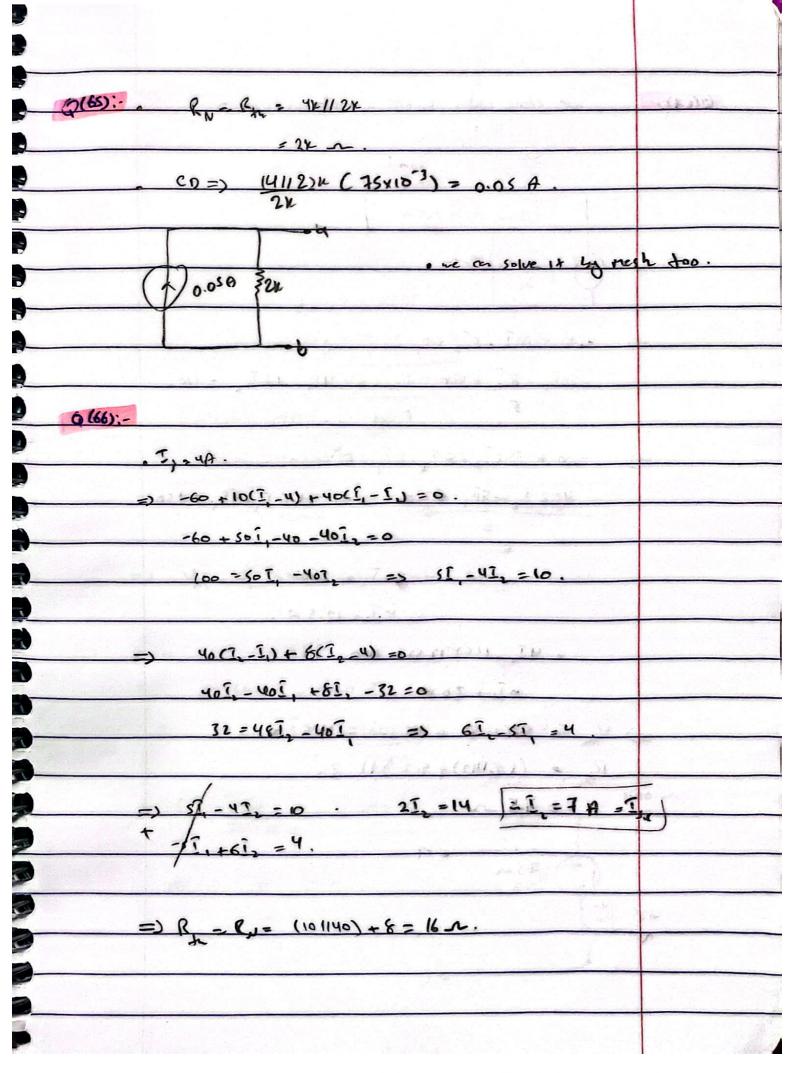


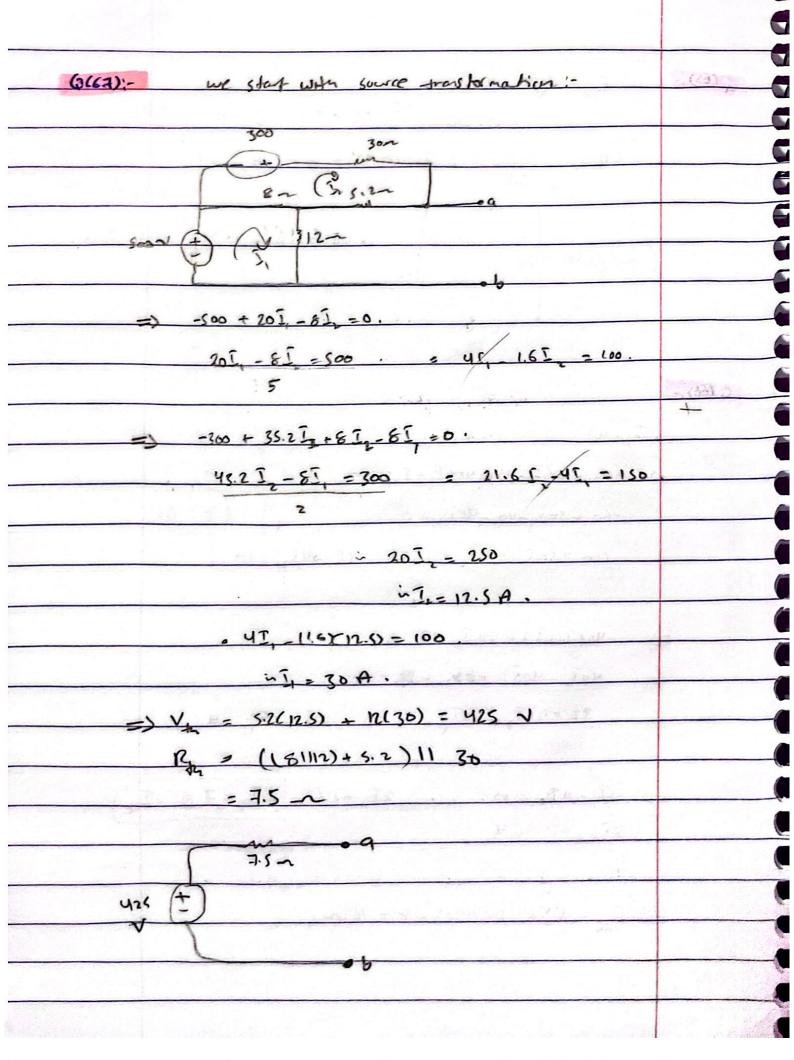


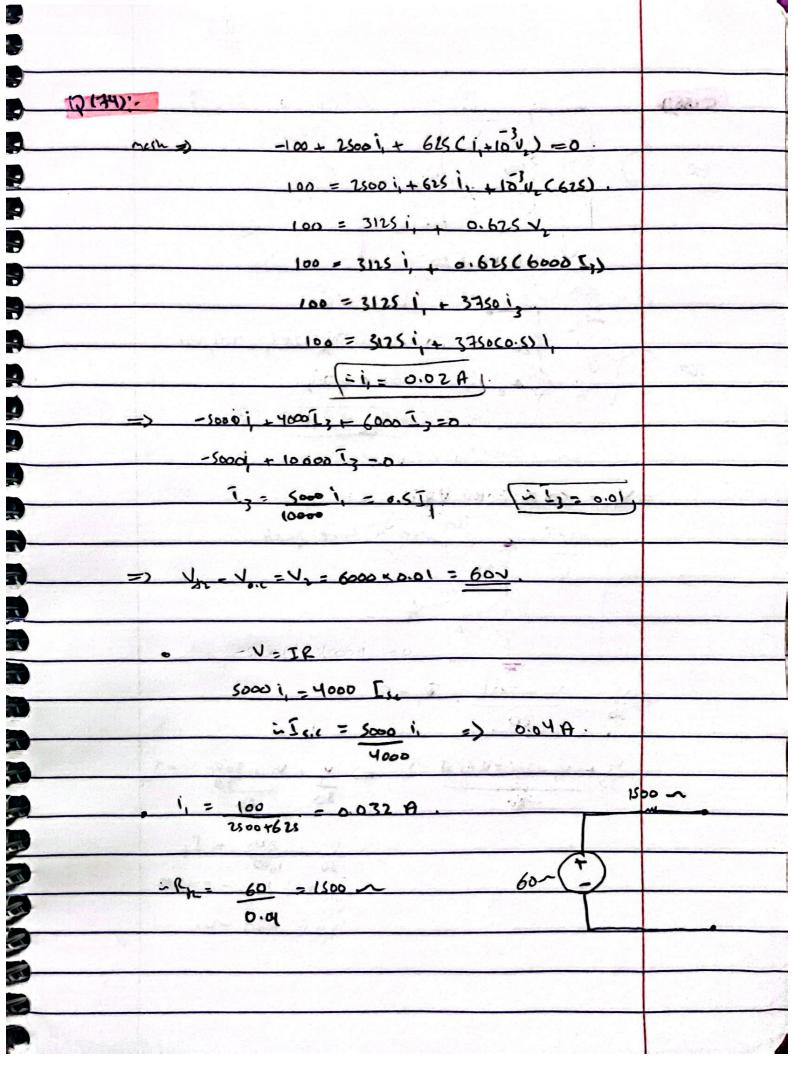


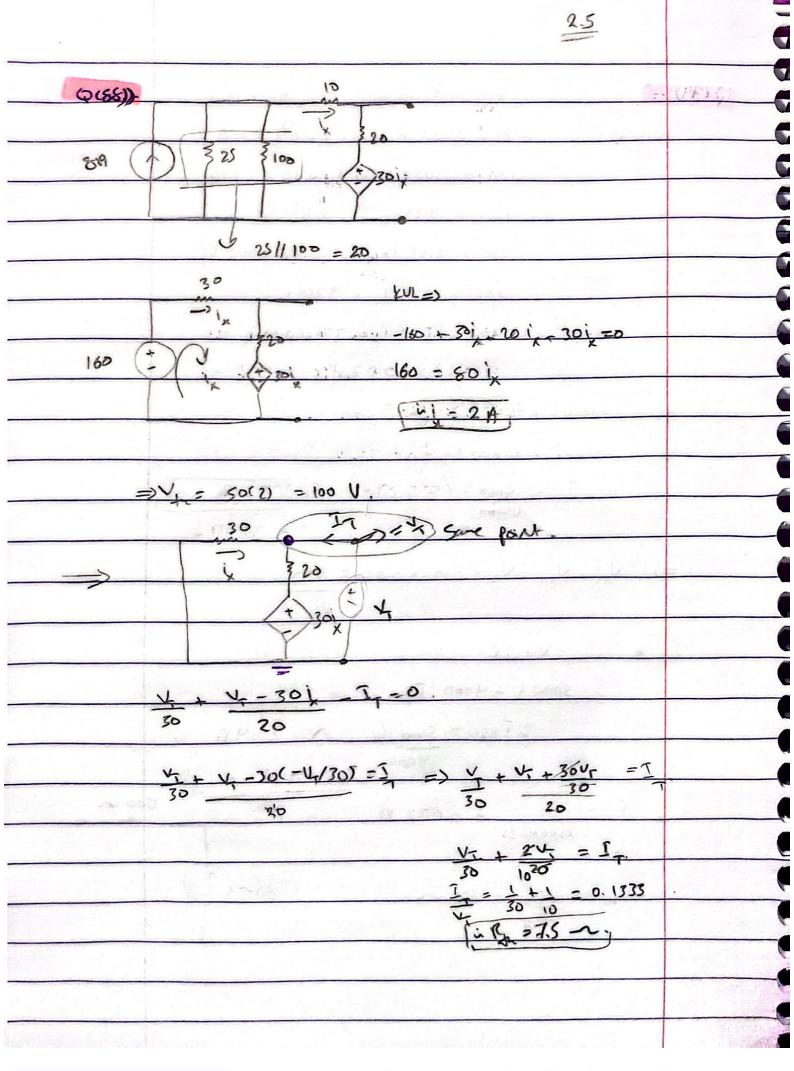


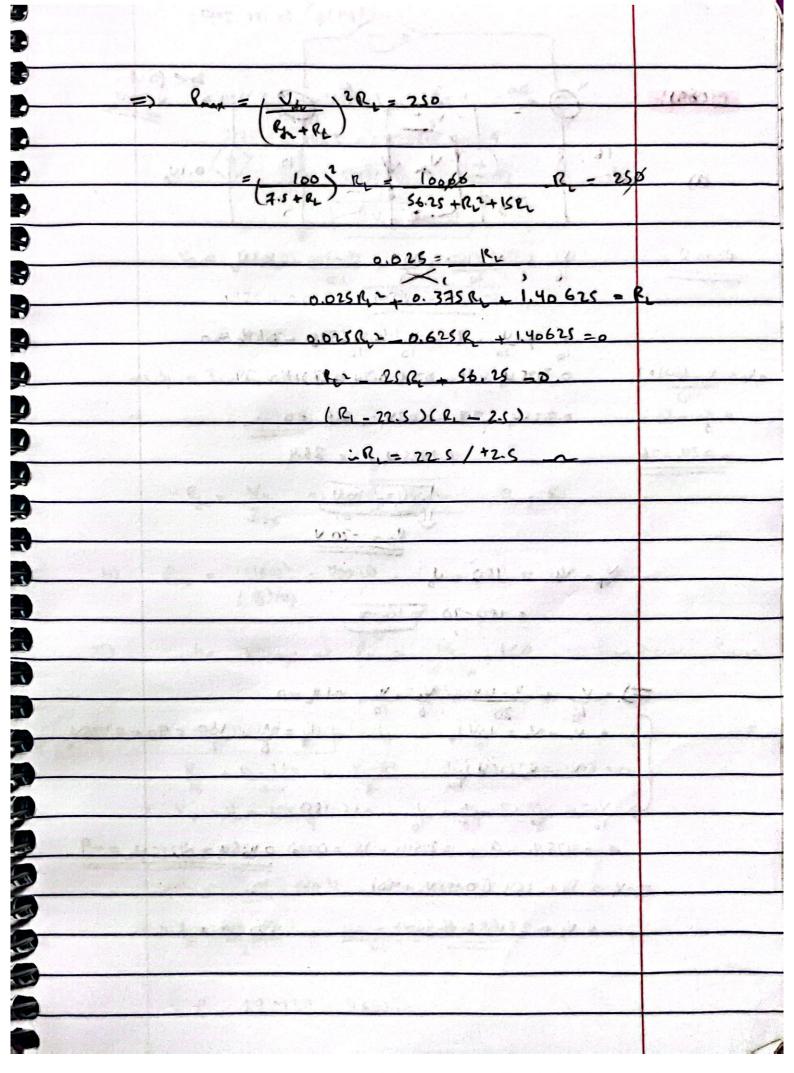


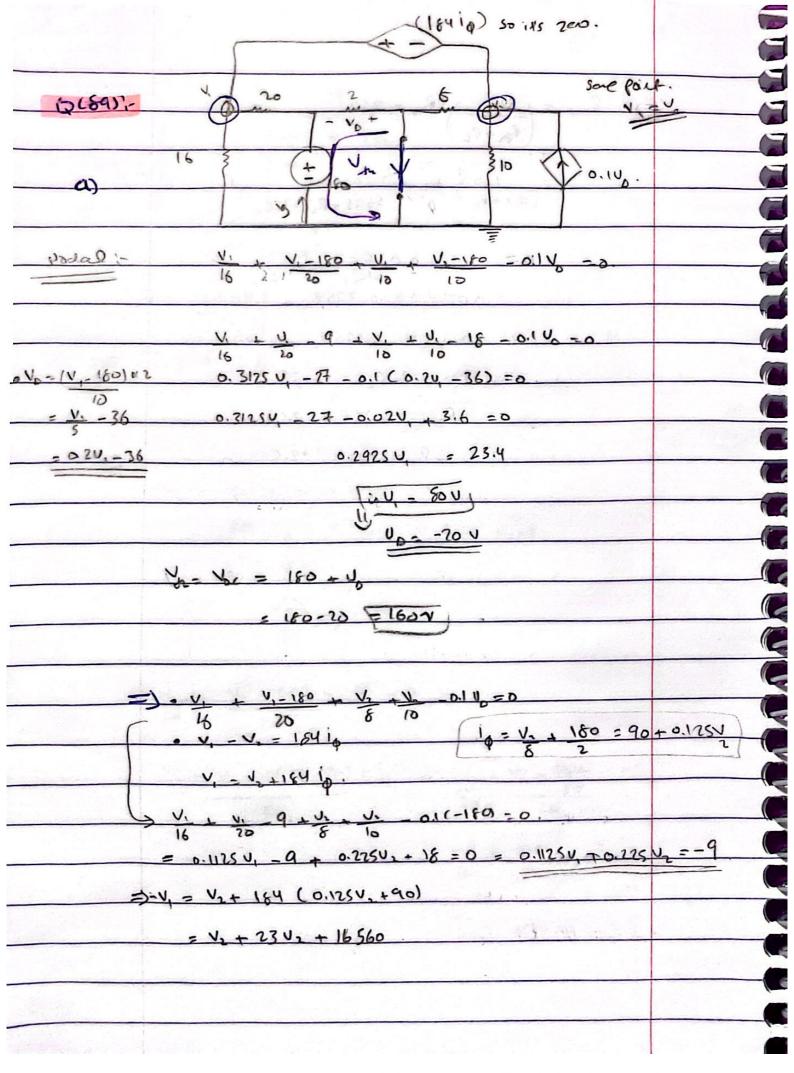


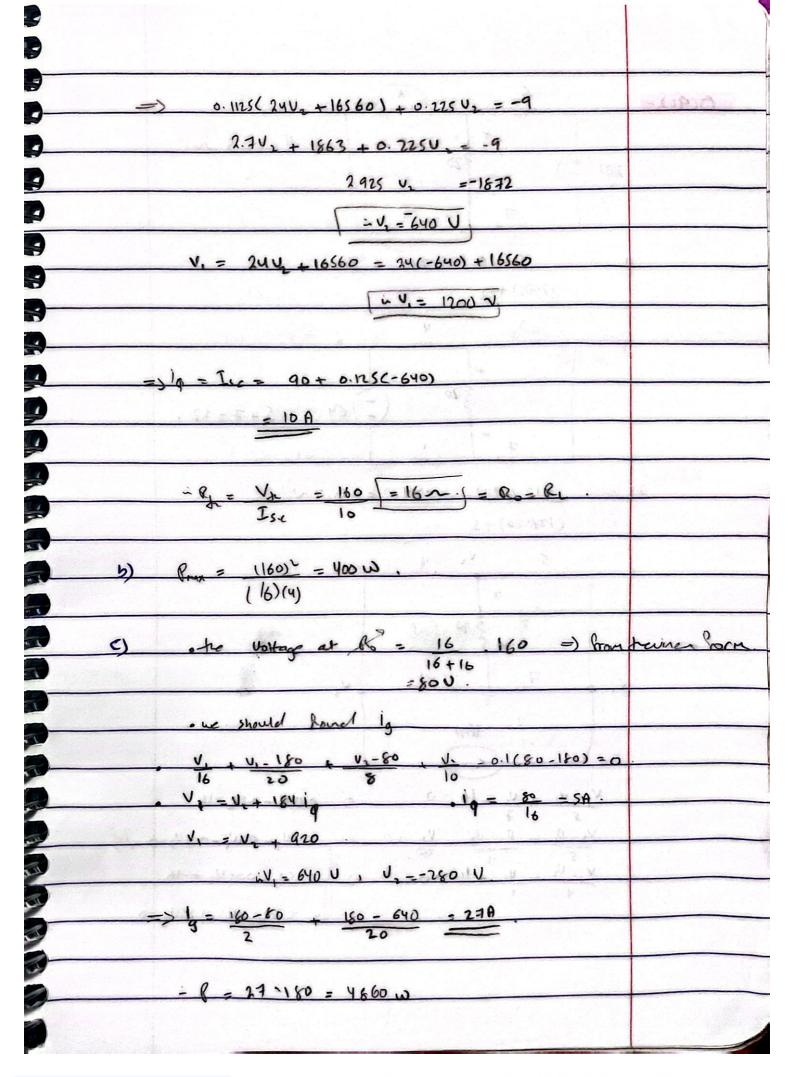


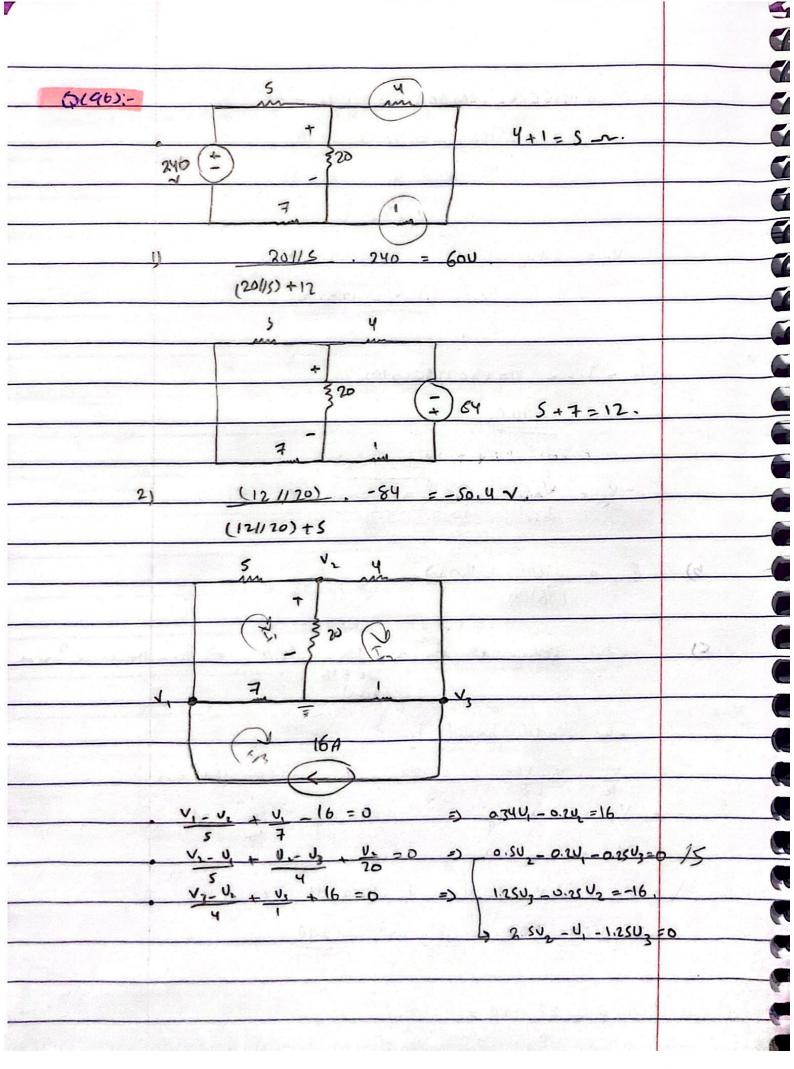


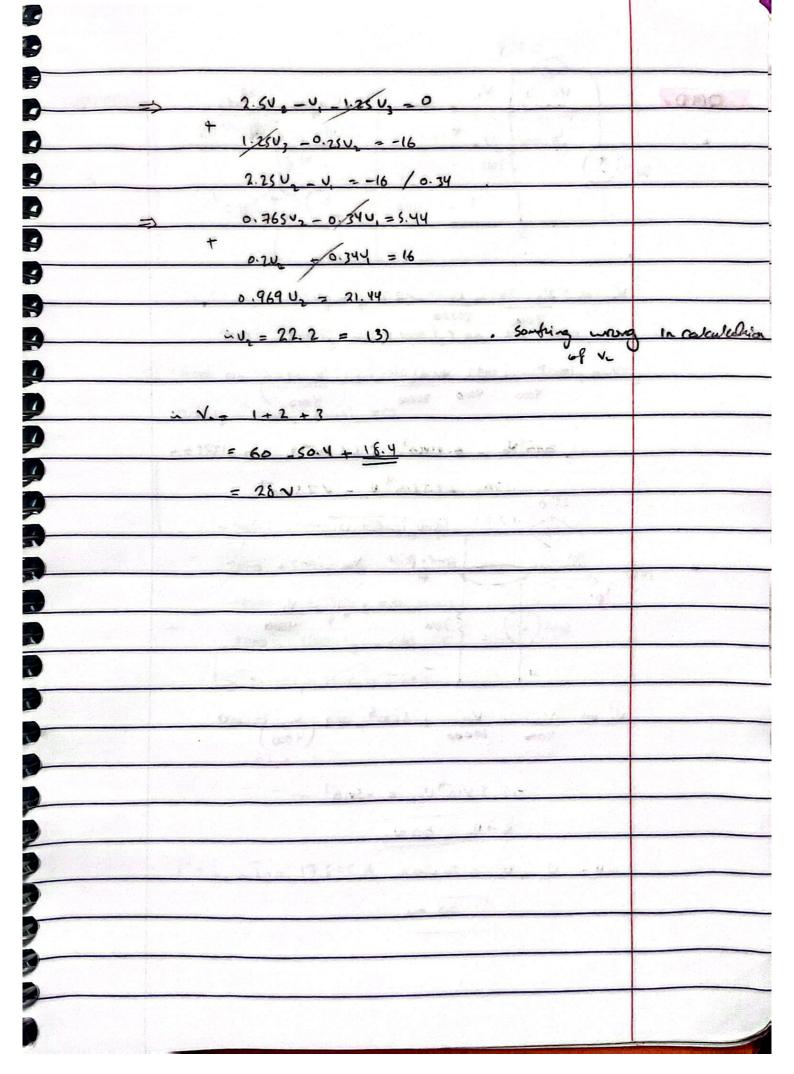


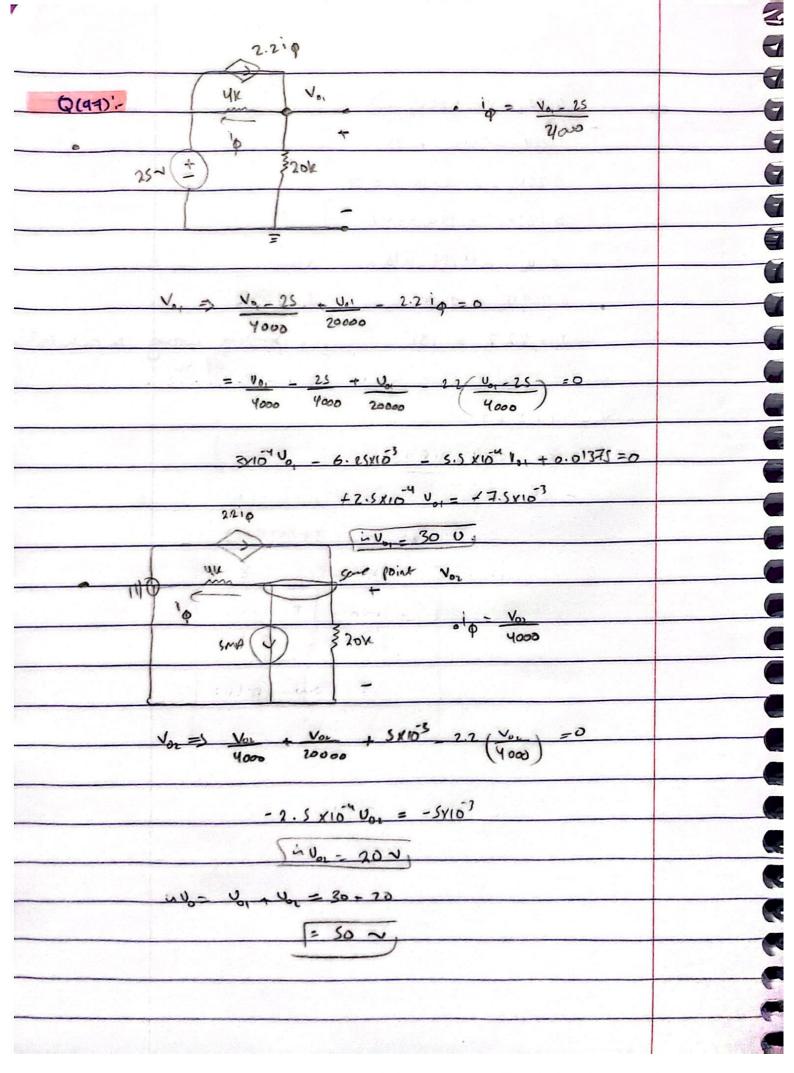


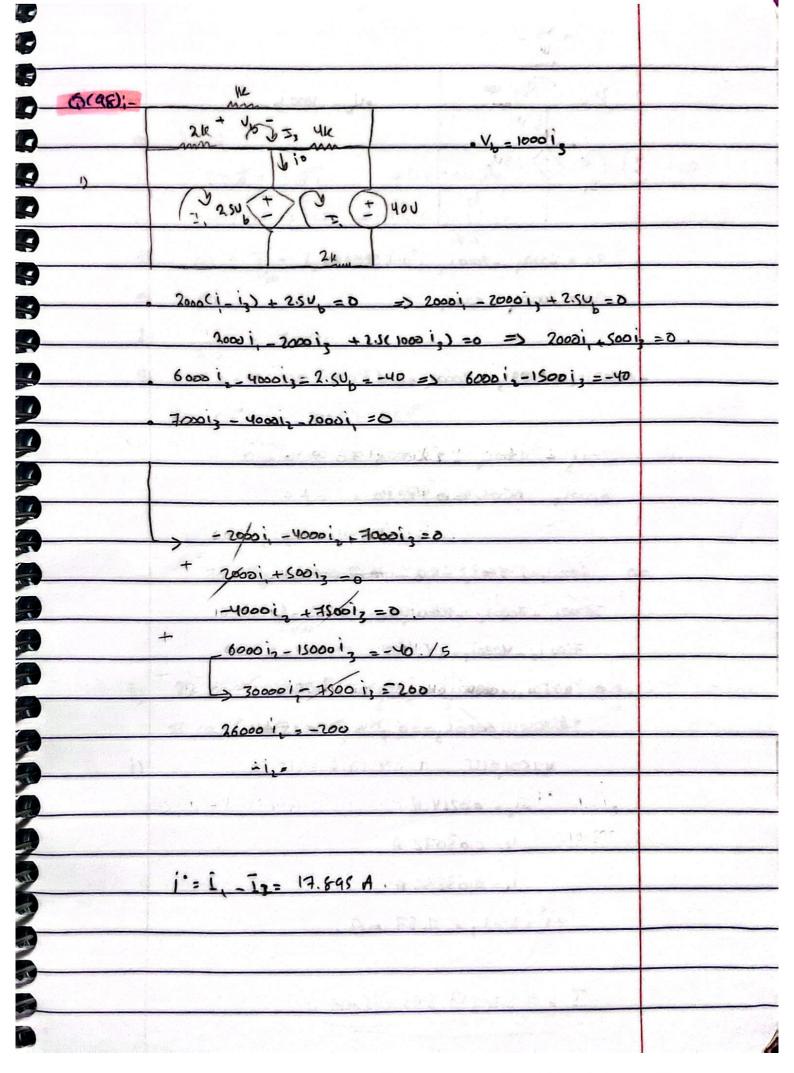


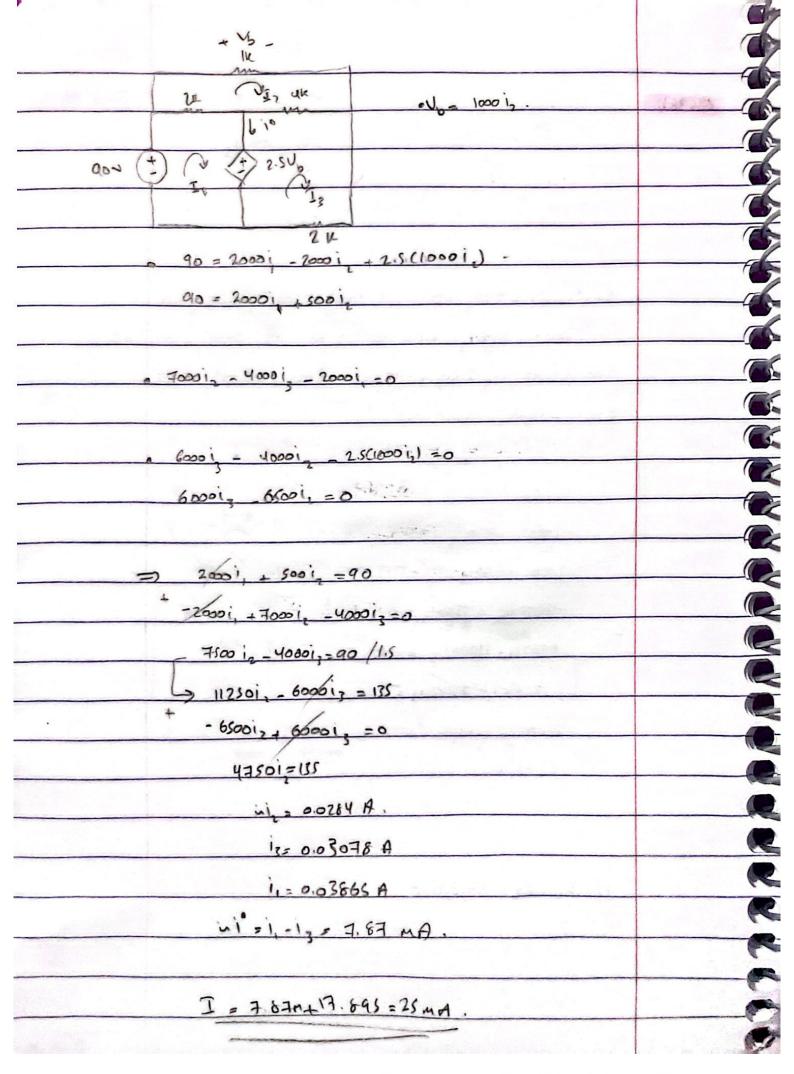


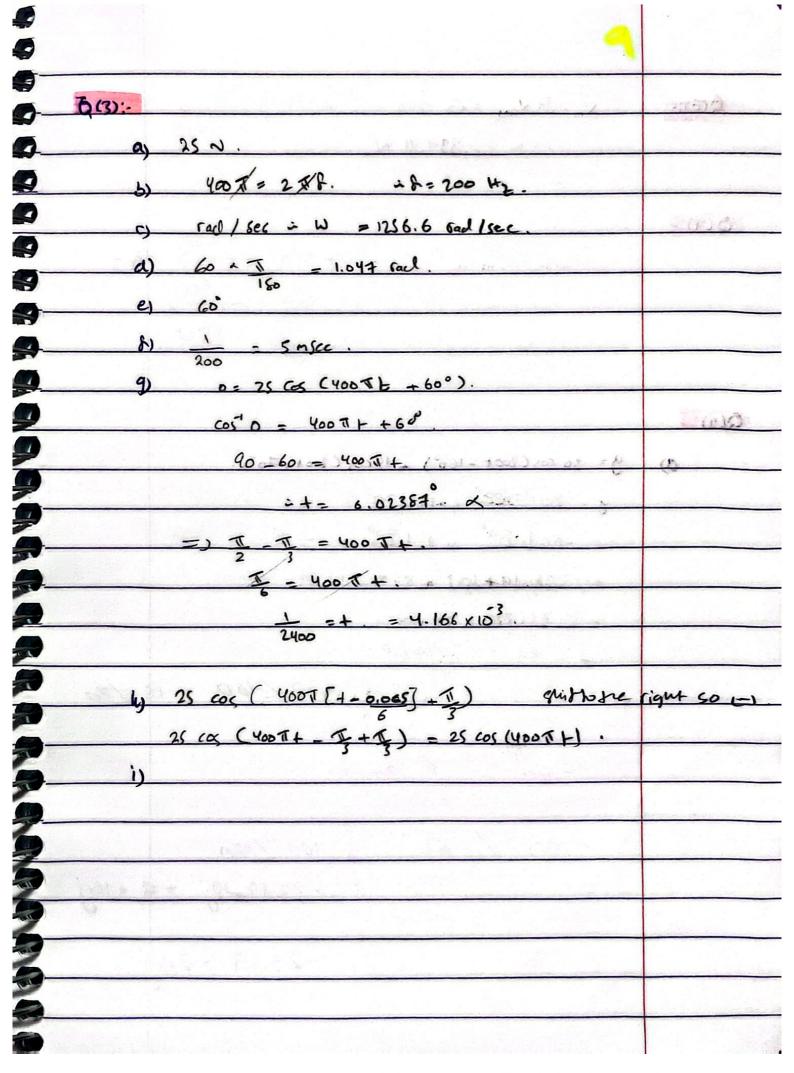












6(6):-	Vn= 57 Vng = 52 240	(0)0
	= 339,41 ~	
	Hartest St. St.	4.
Q(7):-	790	-
	- Si'N	2002
	sin -q	0, /3
	(-ros 180	) 1
	1 " a	g.
ZLID!	\$3 + 5 7 qui - 10 40	
0)	y= 30 cos (200+-160°) + 15 cos (200++70°).	
	= 30 L-160° + 15 L.70°	
	= -30   20° 15 1700	
	= 28.19+10; + 8.13+14.09	
	= 33.32 + 24.09	
	= 33.32 <u>/134</u> °	
	30 6-160 -	15 170
	- Later And Marie Later	
	-sin (30)	(i
	-100 L-60° 100 L120	
	-28.19+101	+ 5.+141
		0
	-23.19 + 2	241

